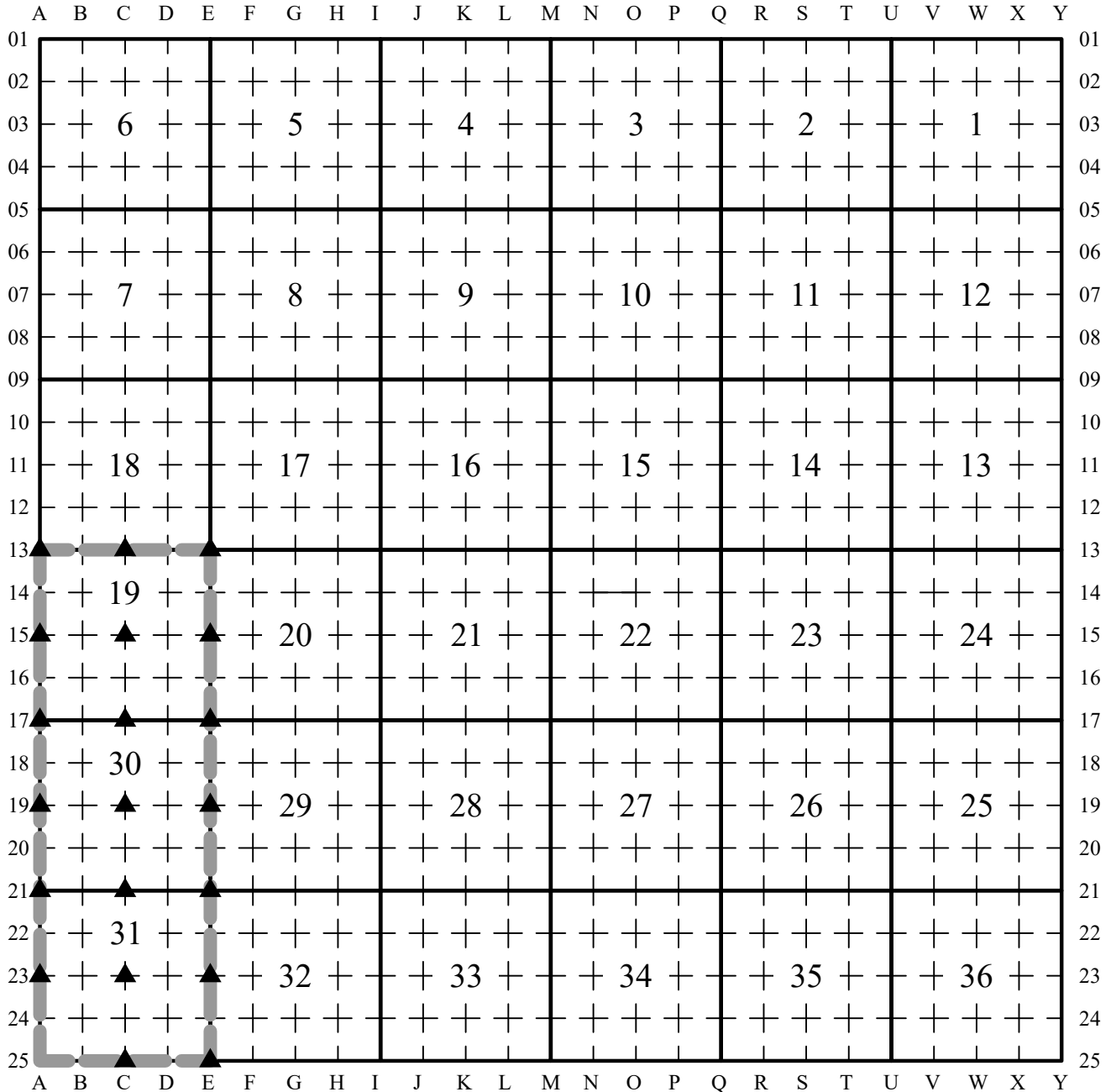
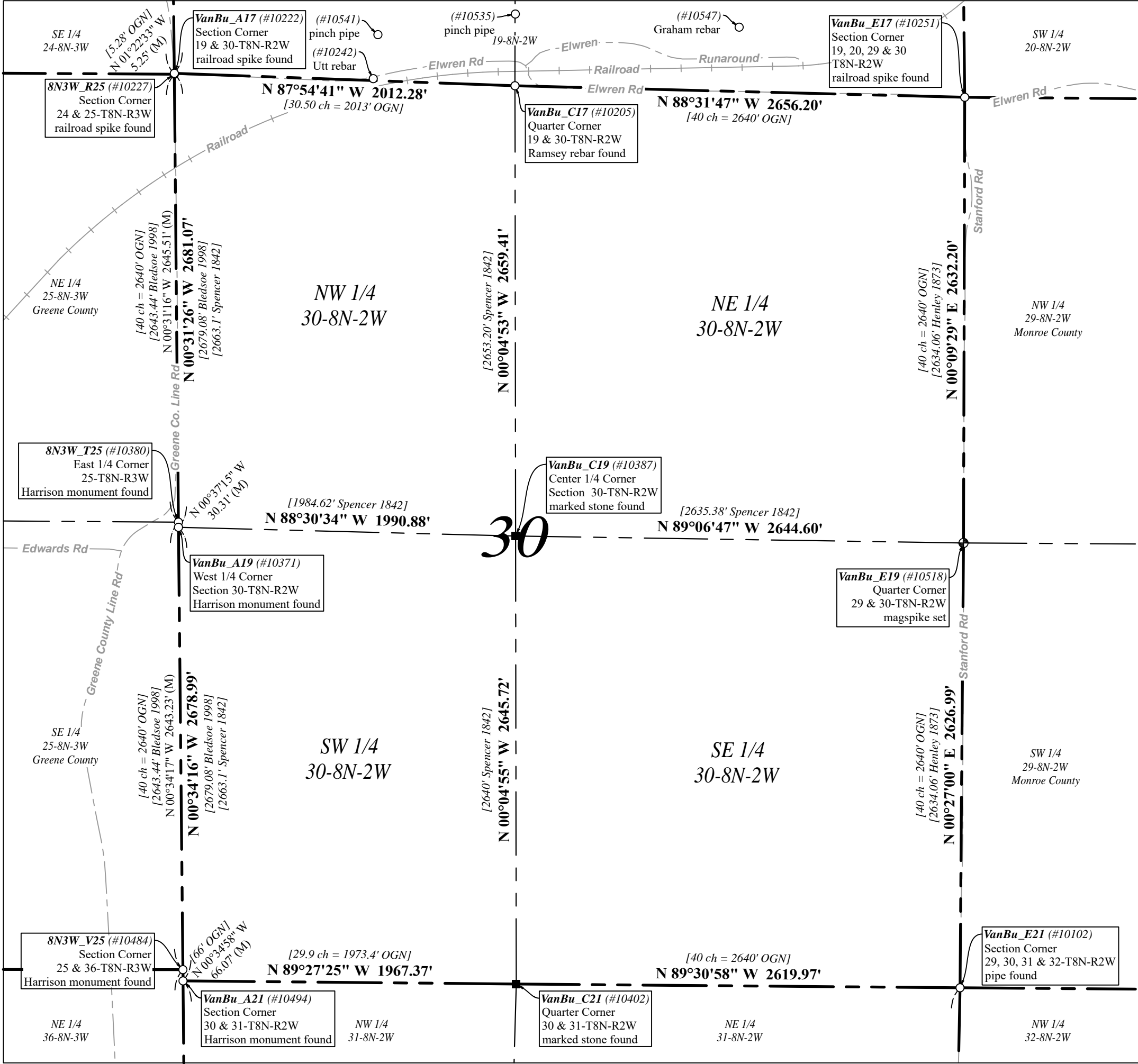


MONUMENT RECORD INDEX GUIDE
TOWNSHIP 8 NORTH - RANGE 2 WEST
VAN BUREN TOWNSHIP
MONROE COUNTY, INDIANA

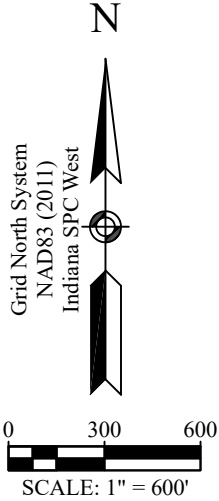
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Recorded as Instrument Number:
2024011309.IN





I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. -Rachel Oser

LOCATION REFERENCE MAP
TOWNSHIP 8 NORTH - RANGE 2 WEST
NOT TO SCALE



NOTES

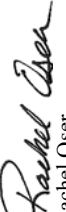
1. This document is not complete without the associated Report of Survey.
2. Field work was performed in May and August, 2024.
3. Sixteenth-section corners, corners of minor subdivision, and property corners were not evaluated in any way unless shown hereon or specifically discussed in the Report of Survey. Bearing breaks may exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis.
4. All distances are measured unless otherwise noted.
5. The Basis of Bearings for this survey is Grid North (Indiana State Plane West Zone) based on GPS observations. See attached Report of Survey for detailed parameters.
6. Measured and calculated distances shown hereon are US survey feet grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distance to ground, multiply by a combined scale factor of 1.000051044.

LEGEND

[XX' Burr 1859]	RECORD DISTANCE, SURVEYOR, YEAR
[XX' OGN]	ORIGINAL GOVERNMENT NOTES DISTANCE
00.00'	MEASURED DISTANCE (PRIMARY)
(M)	MEASURED DISTANCE (ACCESSORY)
N03	CORNER RECORD INDEX ID
(#10184)	OSM SURVEY POINT NUMBER
○	IRON MONUMENT FOUND
⊕	IRON MONUMENT SET
■	STONE FOUND
⊗	CALCULATED CORNER NO MONUMENT
---	APPROX. ROAD CENTERLINE PER GIS
---	SECTION LINES
---	INTERIOR SECTION LINES

PROJECT#
10269

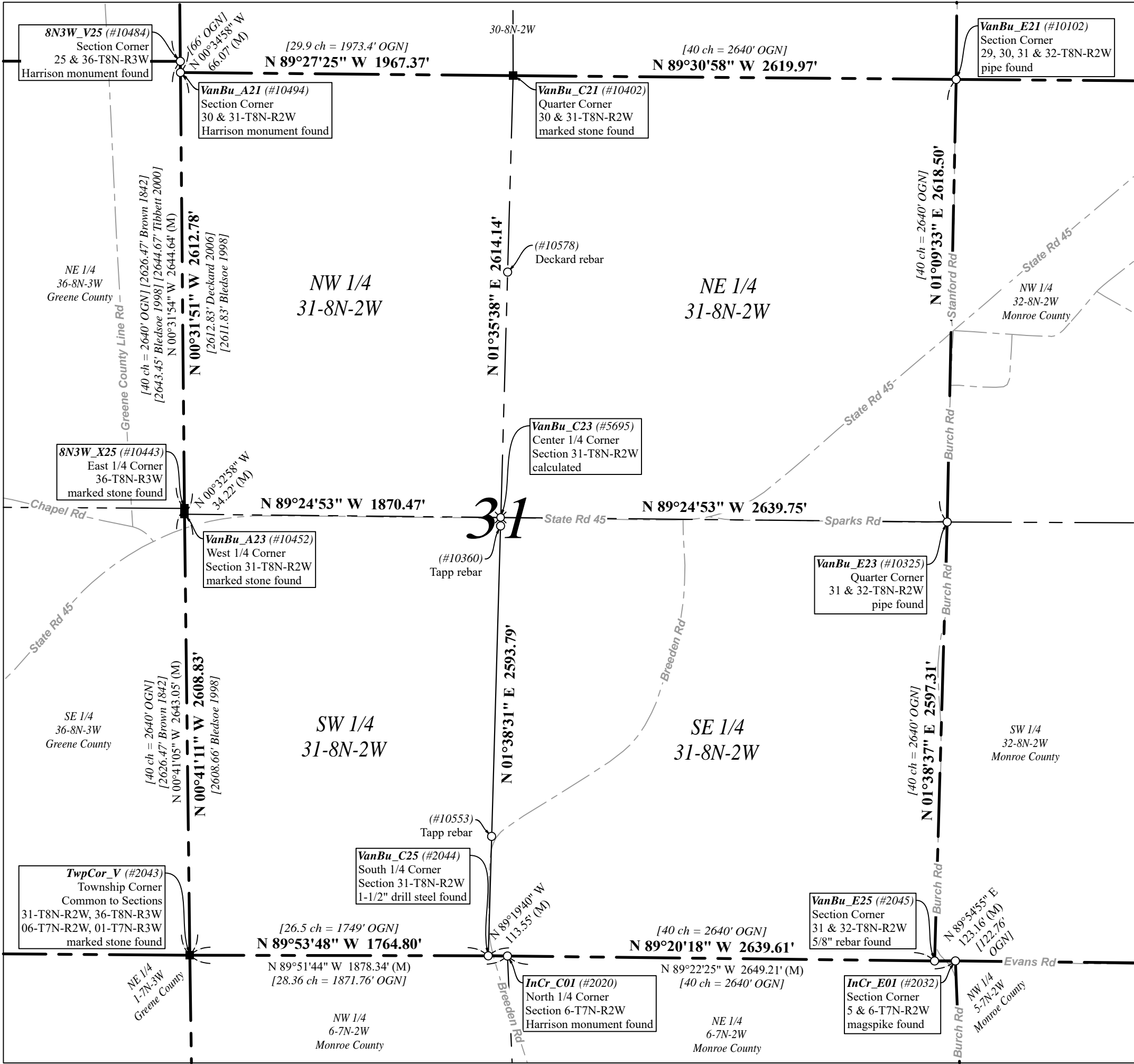
SHEET#
3 OF 76



Rachel Oser
State of Indiana
Professional Surveyor 21100022
Certified: September 17, 2024
Date of last revision: September 17, 2024

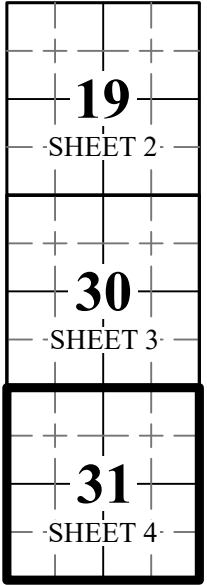
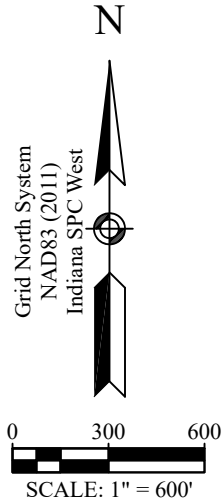
CORNER PERPETUATION SURVEY
VAN BUREN TOWNSHIP SECTIONS 19, 30 & 31
SECTION 30 - TOWNSHIP 8 NORTH - RANGE 2 WEST
2nd PM, VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA
SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR

Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
Rachel@OserSurveying.com • 812.320.2694



I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. -Rachel Oser

LOCATION REFERENCE MAP
TOWNSHIP 8 NORTH - RANGE 2 WEST
NOT TO SCALE



NOTES

- This document is not complete without the associated Report of Survey.
- Field work was performed in May and August, 2024.
- Sixteenth-section corners, corners of minor subdivision, and property corners were not evaluated in any way unless shown hereon or specifically discussed in the Report of Survey. Bearing breaks may exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis.
- All distances are measured unless otherwise noted.
- The Basis of Bearings for this survey is Grid North (Indiana State Plane West Zone) based on GPS observations. See attached Report of Survey for detailed parameters.
- Measured and calculated distances shown hereon are US survey feet grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distance to ground, multiply by a combined scale factor of 1.000051044.

LEGEND

[XX' Burr 1859]	RECORD DISTANCE, SURVEYOR, YEAR
[XX' OGN]	ORIGINAL GOVERNMENT NOTES DISTANCE
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■	STONE FOUND
⊗	CALCULATED CORNER NO MONUMENT
---	APPROX. ROAD CENTERLINE PER GIS
---	SECTION LINES
---	INTERIOR SECTION LINES

REPORT OF SURVEY:

In accordance with Title 865, Article 1, Chapter 12 of the Indiana Administrative Code ("Rule 12"), the following observations and opinions are submitted regarding the various uncertainties in the locations of the lines and corners established by this survey as a result of uncertainties in reference monumentation; in record descriptions and plats; in lines of occupation; and as introduced by random errors in measurement ("Relative Positional Accuracy"). There is an amount of uncertainty along any line or at any corner equal in magnitude to the discrepancy in the location of the lines of possession (and survey points found) from the surveyed lines and corners. There may be unwritten rights associated with these uncertainties. Any uncertainty associated with the corners shown hereon is inherently passed to any parcel corner dependent on its position.

There may be differences in record dimensions versus measured dimensions along the surveyed lines shown hereon. Likewise, there may be found survey markers near, but not precisely at, some boundary corners. In cases where the magnitude of these differences is less than the Relative Positional Accuracy and less than the uncertainty identified for the reference monumentation (discussed below), the differences may be considered insignificant and are shown only for purposes of mathematical closure. Such differences that are greater than the Relative Positional Accuracy and the uncertainty in reference monumentation should be considered worthy of notice and are therefore discussed further below.

The Relative Positional Accuracy for this survey is within the specifications of an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.


The basis of bearings is the Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, Geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover), or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Except for distances to witness ties, measured and calculated distances shown hereon are grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distances to ground, multiply by a combined scale factor of 1.000051044.

Fieldwork was performed by Oser Surveying & Mapping in May and August 2024. Unless otherwise noted, survey monuments noted as an "Oser rebar" are a 5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS# 21100022". Survey monuments noted as a mag spike set are a 6" long mag spike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022".

Unless otherwise noted, new bearing tree (BT) diameters are noted as dbh (diameter breast height) and were measured approximately 4.5 feet above grade. Distances are ground and were measured with a 100' steel tape from the monument to a position approximately one foot above grade and perpendicular to the center of the tree. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT.

Unless otherwise noted, witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2" mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with an orange plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Rebarlites were measured by RTK or radially with a conventional total station (Nikon Nivo) from points established by RTK.

The purpose of this survey was to perpetuate the section corners, quarter section corners, and center quarter of section corners in Sections 19, 30, and 31 – Township 08 North – Range 02 West, 2nd Principal Meridian, Van Buren Township, Monroe County, Indiana. Sixteenth-section corners, corners of minor subdivisions, and property corners were not evaluated in any


 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 19, 30 & 31 TOWNSHIP 8 NORTH – RANGE 2 WEST – 2nd PM, VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR	
	PROJECT# 10269	SHEET# 5 OF 76

way unless specifically discussed herein. Bearing breaks may exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis. The relationship of the section/half section corners to the adjoining parcel boundary lines was not addressed. The section and half section lines shown hereon should not be construed as defining actual property lines and corners as in a retracement or original survey. Only those occupation lines in the immediate vicinity of the corners perpetuated (as depicted or discussed on the Monroe County Monument Records included with this report) were analyzed as part of this survey.

REFERENCE SURVEYS, PLATS & MAPS:


Reference survey records were obtained from the Monroe County Surveyor (MCSO), the Greene County Surveyor (GCSO), the Monroe County Recorder (MCR), the Greene County Recorder (GCR), the Monroe County Auditor (MCA), and the Indiana Department of Transportation. Deed records were evaluated in the immediate vicinity of some corners, mainly in the case of corners with an uncertain pedigree. The following is a complete list of the surveys consulted and deemed relevant to this project. Additional survey records that were reviewed but not used for any analysis related to this project are not included below. The survey records that were reviewed but not included were redundant, illegible, or did not contain useful ties to PLSS corners.

Date	Surveyor	Description	File Location
1811	Alexander Holmes	Original Government Survey East line of Township 8 North – Range 3 West South line of Township 8 North – Range 2 West	https://archive.org/details/@indiana_historical_land_records
1815	Arthur Henrie	Original Government Survey Township 8 North – Range 2 West Township 7 North – Range 2 West	https://archive.org/details/@indiana_historical_land_records
1800s	Greene County Surveyor	Greene County Perpetuation Index for Sections 13, 24, 25, and 36-T8N-R3W	GCSO Perpetuation Index
08/21/1838	Kelshaw, John B.	Legal Survey in Sections 24 & 25-8N-3W	GCSO SR1, page 53
3/30/1842	Brown, J.C.	Legal Survey in Section 36-8N-3W	GCSO SR1, page 132
09/09/1843	Spencer, J.W.	Legal Survey in Section 30-8N-2W	MCSO LSB1, page 79
03/17/1854	Woodburn, James	Legal Survey in Section 17-8N-2W	MCSO LSB1, page 267
06/18/1858	Woodburn, James	Legal Survey in Section 31-8N-2W	MCSO LSB2, page 16
04/01/1859	Woodburn, James	Legal Survey in Section 32-8N-2W	MCSO LSB2, page 43
11/29/1859	Woodburn, James	Legal Survey in Section 19-8N-2W	MCSO LSB2, page 20
01/01/1862	Woodburn, James	Legal Survey in Section 18-8N-2W	MCSO LSB2, page 73
03/15/1864	Spencer, James	Legal Survey in Section 19-8N-2W	MCSO LSB2, page 87
04/04/1873	Henly, H	Legal Survey in Section 29-8N-2W	MCSO LSB2, page 218
08/14/1890	Buskirk, M.	Legal Survey in Section 6-7N-2W	MCSO LSB2, page 492
06/30/1915	Railroad	Illinois Central Railroad - Indianapolis to Switz City - Right-of-Way and Track Map Station 3375+39 to Station 3533+72 MP 1-64 to MP 1-67	Oser Surveying
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec. C	INDOT


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06/03/1966	Stapleton, John	Virgil-Taylor Tract in Section 6-7N-2W	MCSO RSID001723
07/06/1967	Dorman, Henry	Survey of 4-acre tract in Section 36-8N-3W	GCSO
09/19/1971	Utt, Lee	Survey of Sullivan Tract for Hudson in 1-7N-3W	GCR DE204-418
12/06/1973	Pinnick, C.M.	Survey of 140.92 acres in Section 20-8N-2W	MCA
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO RSID005178
08/31/1976	Graham, Raymond	Clyde Kelly 25-acre survey in Section 6-7N-2W	MCSO RSID001724
10/15/1979	Utt, Lee	Survey of 2 tracts in Section 19-8N-2W for Phil Jolly	Deckard Land Surveying
c. 1970s	Unknown (believed to be by Graham, Raymond)	Corner plat for Section 6-7N-2W Corner plat for Section 19-8N-2W	MCSO
10/10/1977	Brunnemer, Robert	Survey of 87.17 acres in Section 29-8N-2W	MCA
04/16/1981	Farkas, Edmund	5 acres in Section 30-8N-2W	MCSO
02/21/1983	Farkas, Edmund	Survey of 149.02 acres in Section 19-8N-2W	MCR 2013015591
01/13/1986	Cobb, Gary	Four tracts in Section 36-8N-3W	GCR DE259-363
06/21/1989	Bledsoe, Ben	Hinds Road Survey on Section 32-8N-2W	MCR 1990004496
07/12/1989	Graham, Raymond	23.91-acre survey in Section 6-7N-2W	MCSO RSID001722
02/01/1990	Utt, Lee	Survey for Sparks in Section 24-8N-3W	GCR 1990-2885
04/03/1990	Utt, Lee	Survey for Crohn in Section 29-8N-2W	MCR 1990010652
06/19/1992	Mundy, Michael	Survey in Section 25-8N-3W	GCR 1992-5919
01/14/1993	Steele, William Mac	Survey for Risk in Sections 17, 18, & 20-8N-2W	MCR 00310597
08/05/1993	Ramsey, Stephen	S Breeden Road Preliminary Plat of two 3.46-acre tracts in Section 31-8N-2W	MCSO RSID002509
01/15/1994	Ramsey, Stephen	Survey for Turner in Section 32-8N-2W	MCR 00503294
11/30/1995	Archer, Steven	Survey for Starnes in Section 30-8N-2W	MCSO
02/10/1996	Archer, Steven	Breeden Estates Subd. in Section 6-7N-2W	MCR 719071
06/13/1997	Bledsoe, Ben	Survey for Land of Indiana in Sections 19, 20, & 29-8N-2W	MCR 00801638
01/29/1998	Utt, Lee	Survey for Hoyt in Section 24-8N-3W	GCR 1998-4493
01/29/1998	Utt, Lee	32.57-acre survey for Hoyt in Section 19-8N-2W	MCR 00825642
04/30/1998	Bledsoe, Ben	Greene County Corner Perpetuation for Sections 22 through 28 and Sections 33 through 36-T8N-R3W	GCSO (BTR Job #2319)
02/26/1999	Utt, Lee	Survey for Harris in Section 30-8N-2W	MCR 00906020
09/17/1999	Cobb, Gary	Elwren Subd. in Section 19-8N-2W	MCR 1999019385

04/24/2000	Graham, Raymond	Blake Minor Subdivision in Section 30-8N-2W	MCR 2000009453
05/15/2000	Utt, Lee	Survey for Hoffman in Section 36-8N-3W	GCR 2001-0084
08/18/2000	Tibbett, James	Survey for Jolly in Section 24-8N-3W	GCR 2001-4508
05/01/2001	Graham, Raymond	Cardwell 3 Tract Type E in Sections 19 & 20-8N-2W	MCA
06/01/2001	Bledsoe, Ben	Greene County Corner Perpetuation for Sections 1 through 18-T8N-R3W	GCSO (BTR Job #3473)
11/16/2002	Campbell, Steven	Survey of 5.08 acres in Section 24-8N-3W	GCR 2003-0536
03/27/2003	Bledsoe, Ben	Legal Survey for Guerrettaz in Section 20-8N-2W	MCR 2003009330
04/17/2003	Utt, Lee	Harrington and Grubb survey in Section 32-8N-2W	MCR 2003035602
05/01/2003	Utt, Lee	New-Grubb Survey in Section 30-8N-2W	MCR 2003035601
11/19/2003	Utt, Lee	Hoyt 28-acre tract in Section 19-8N-2W	MCR 2004024121
06/28/2004	Graham, Charles D	Hammer Minor Subd. in Section 30-8N-2W	MCR 2004013880
04/05/2005	Campbell, Steven	Survey for Edington in Section 24-8N-3W	GCR 2005-2451
10/01/2005	Zimmer, James	141.61-acre survey for Land of Indiana in Section 20-8N-2W	MCR 2005019992
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
02/15/2007	Guerrettaz, Bernard	Pedro Minor Subd. in Section 29-8N-2W	MCR 2007003597
09/19/2007	Wilson, Ben H.	Conder Subdivision in Section 32-8N-2W	MCSO
11/08/2007	Tapp, Philip	Boundary survey for Langley in Sections 6 & 7-7N-2W	MCR 2007022637
11/15/2007	Tapp, Philip	Conder/Langley Type "A" Admin. Subd. Kirksville Road in Section 32-8N-2W	MCR 2007022634
04/22/2008	Tapp, Philip	Stanford Rd Boundary in Section 32-8N-2W	MCR 2008007545
05/15/2008	Tapp, Philip	Conder Minor Subdivision in Section 32-8N-2W	MCR 2008008449
12/16/2008	Tapp, Philip	Burch Road Minor Subd. in Section 6-7N-2W	MCR 2008020406
02/17/2009	Tapp, Philip	Conder Administrative Subdivision in Section 32-8N-2W	MCR 2009005821
06/18/2009	Guerrettaz, Bernard	Boundary Survey in Section 32-8N-2W	MCR 2009010427
02/09/2010	James, Marty	Don & Sue Conder Survey in Section 31-8N-2W	MCR 2010002259
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and Sections 12 & 13-7N-3W	MCR 2011005764 GCR 2011-2902
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Section 6-7N-2W	MCSO RSID001727
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31-8N-2W	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey in Section 31-8N-2W	MCR 2011007526
06/06/2011	Compton, Randolph	SR 45 and Breeden Rd Route Survey in Section 31 in Section 31-8N-2W	MCR 2011007528

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06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sections 6 & 7-T7N-R2W	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7	MCR 2011010190 GCR 2011-2897
08/27/2012	Tapp, Philip	Dallas & Janet Conder Type A in Section 31-8N-2W	MCR 2012015149
11/19/2012	James, Marty	Fowler 400-acre farm in Sections 23, 25 & 26-8N-3W	GCR 2012-5661
11/19/2012	Tapp, Philip	Whaley Type A in Section 31-8N-2W	MCR 2012020021
03/15/2013	Tapp, Philip	Conder Type E in Section 32-8N-2W	MCR 2013004800
03/25/2013	Guerrettaz, Bernard	Boundary Survey for James Keith in Section 32-8N-2W	MCR 2022005980
12/02/2015	Ballard, Dustin K.	Bridge No.93 Route Survey in Sections 31 and 32-8N-2W	MCR 2015017121
01/26/2016	Deckard, Eric	Survey for Bellamy in Section 32-8N-2W	MCR 2016008240
10/19/2016	Deckard, Eric	Bellamy/Carmichael Survey in Section 32-8N-2W	MCR 2017004631
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Section 31-8N-2W	MCR 2018002164
10/03/2017	Tapp, Philip	Stanford Road Boundary in Section 30-8N-2W	MCR 2018004489
03/07/2018	Gwinn, Jess	Laherty Type "E" Admin. Subd. Final Plat in Section 17-8N-2W	MCR 2018009843
03/07/2018	Gwinn, Jess	Wayne's Cave Type "A" Admin. Sub. Amendment 1 to Tract 2- Final Plat in Section 17-8N-2W	MCR 2018009844
05/03/2018	Deckard, Eric	Harrington/Combs - Type E Admin. Subd. in Section 32-8N-2W	MCR 2018006334
06/27/2018	Deckard, Eric	Survey for Heist in Section 1-7N-3W	GCR 2018-2570
02/08/2019	Deckard, Eric	Van Arman/Elwren Type "E" Admin. Subd. in Section 20-8N-2W	MCR 2019007483
04/17/2019	Deckard, Eric	Cardwell Type "E" Admin. Subd. Final Plat Amendment One in Section 19-8N-2W	MCR 2019006267
04/22/2019	Deckard, Eric	Combs Boundary survey in Section 29-8N-2W	MCR 2019009859
06/04/2019	Wilken, Andrew E.	Hudson Boundary Survey in Section 28-8N-2W	MCR 2019009860
11/12/2019	Porter, Christopher	Retracement Boundary Survey of Lots 31 & 32 in the Town of Stanford located in Section 32-8N-2W	MCR 2022007704
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd. in Section 30-8N-2W	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Section 30-8N-2W	MCR 2020016690
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
05/31/2021	Deckard, Eric	Fowler/Conner Survey in Section 25-8N-3W	GCR 2021-3540
01/20/2022	Borgman, Todd	JLR Type E Administrative Subdivision Final Plat in Section 31-8N-2W	MCR 2022002218
09/20/2023	Oser, Rachel	Corner Perpetuation Survey for 6-7N-2W	MCR 2023011759
01/18/2024	Deckard, Eric	Rodman Survey in Section 32-T7N-R2W	MCR 2024002144

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MONUMENTS FOUND OR SET: Refer to the monuments keyed on the survey drawings by point number and Monroe County Corner Record Index ID. Monuments and corners evaluated in the process of this survey, the theory of location used to accept or establish these monuments and corners, and the surveyor's opinion of the uncertainties associated with these monuments and corners are as detailed below for accessory monuments and on the Monroe County Monument Records included with this report for primary monuments.

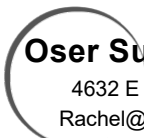
Greene County 8N3W_N25 (OSM #10119: *Section Corner common to Sections 13 & 24-T8N-R3W*): A 4" x 4" cut limestone with a chiseled "+" across the top was found 7" above grade. The stone was set by Monroe County Surveyor Raymond Graham as shown on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974, on file in the office of the Monroe County Surveyor. Graham set the stone at the record original falling north of the Section Corner common to Sections 18 & 19-T8N-R2W, which he also established in 1974. Ben Bledsoe accepted the cut limestone on his 1998 and 2001 Corner Perpetuation Surveys for Greene County.

Greene County 8N3W_P25 (OSM #10151: *East Quarter Corner of Section 24-T8N-R3W*): A 1/2" rebar with a yellow plastic cap stamped "UTT S-0089" was found 2" above grade next to a steel t-post. Lee Utt set the rebar per a survey for Sparks in Section 24-T8N-R3W dated February 01, 1990, and recorded in the office of the Greene County Recorder as Instrument Number 1990-2885. Measured and record dimensions indicate that Mr. Utt set the rebar at the midpoint between the stone at the Northeast corner of Section 24 (8N3W_N25 #10119) and the railroad spike that was held this survey as the Southwest corner of Section 19 (VanBu_A17 #10222). Utt's rebar was accepted by Ben Bledsoe on his 1998 Corner Perpetuation for Greene County and by Steven Campbell on a 5.08-acre survey in Section 24 recorded in the office of the Greene County Recorder as Instrument Number 2003-0536.

Greene County 8N3W_R25 (OSM #10227: *Section Corner common to Sections 24 & 25-T8N-R3W*): A railroad spike was found 0.2 feet below grade in the centerline of Greene County Line Road. Ben Bledsoe set the spike at the record original falling south of the railroad spike held this survey as the Southwest corner of Section 19-8N-2W (VanBu_A17 #10222) as shown on his 1998 Corner Perpetuation for the Greene County Surveyor. The railroad spike at #10222 has also been used by prior surveyors as the Section Corner common to Sections 24 & 25-8N-3W, introducing 5.28 feet of associated uncertainty to this corner.

Greene County 8N3W_T25 (OSM #10380: *East Quarter Corner of Section 25-T8N-R3W*): A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found flush with grade. The monument was set by Ben Bledsoe in 1998, as shown in his Corner Perpetuation for the Greene County Surveyor. Bledsoe reestablished the corner by proportionate measure between the stone found at the East Quarter Corner of Section 36 (8N3W_X25) and the railroad spike he set at the Northeast corner of Section 25 (8N3W_R25). A 2012 survey by Marty James recorded in the Greene County Recorder's Office as Instrument Number 2012-5661 depicted the Harrison Monument found at the West 1/4 Corner of Section 30 as the East 1/4 Corner of Section 25. The mistake carried over to a 2021 survey by Eric Deckard recorded as Greene County Instrument Number 2021-3540.

Greene County 8N3W_V25 (OSM #10484: *Section Corner common to Sections 25 & 36-T8N-R3W*): A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found 5" below grade. The Harrison monument is 5 feet east and 4.9 feet south of a railroad rail fence post with fence heading south and west. It was set by Ben Bledsoe in 1998, as shown in his Corner Perpetuation for the Greene County Surveyor. Bledsoe reestablished the corner by proportion between the stone found at the East Quarter Corner of Section 36 (8N3W_X25) and the railroad spike he set at the Northeast corner of Section 25 (8N3W_R25). Before Bledsoe's survey, the railroad rail post had been accepted as the Section Corner by Henry Dorman in 1967 and Gary Cobb in 1986. However, the Harrison Monument has consistently been accepted by subsequent surveyors, and we accepted it as the corner by common report with up to five feet of associated uncertainty.

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Greene County 8N3W_X25 (OSM #10443: *East Quarter Corner of Section 36-T8N-R3W*): A 0.7' x 0.3' sandstone with a cut "+" on top was found 0.1 feet below grade and 3 feet east of a north/south woven wire fence. The stone was set by Greene County Surveyor J.C. Brown on March 30, 1842, at the midpoint between the Northeast and Southeast corners of Section 36, as shown on a legal survey filed in Greene County Survey Record Book 1, pages 132-134. It was accepted by Ben Bledsoe in 1998, as shown on his Corner Perpetuation for the Greene County Surveyor, and was also accepted by James Tibbett in 2000 on a survey recorded as Greene County Instrument Number 2001-4508. We accepted the stone as the best evidence of the corner with no associated uncertainty.

InCr_C01 (OSM #2020: *North Quarter Corner of Section 6-T7N-R2W*): A 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top was found 3" above grade in an 8" concrete base. The original government surveyor did not establish this corner. The Harrison Monument was set in on June 28, 2011, by Matthew Badger of Bernardin Lochmueller & Associates at the proportionate distance west of the northeast corner of Section 6, as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. The monument was subsequently accepted in 2011 by Perry Jones and by the Monroe County Surveyor Review Board in 2011 and 2023.


InCr_E01 (OSM #2032: *Section Corner Common to Sections 5 & 6-T7N-R2W*): A 4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" was found 0.3 feet below grade. The magspike was set by Rachel Oser in 2023 to replace a 1-1/2" magnail found. The magnail was set by Philip Tapp in 2007 based on ties to several pk nails found per record documents. In 2011, Matthew Badger held the magnail as a witness to the closing corner. The closing corner should fall on the senior township line, which falls 1.1 feet north of the magnail. Badger chose not to monument his calculated location to avoid confusion. The magnail was accepted by the Surveyor Review Board in 2011 and 2017, and the magspike was accepted by the Surveyor Review Board in 2023.

VanBu_GL3 (OSM #10525: *Quarter Corner Common to Sections 17 & 20-T8N-R2W*): A 4" x 4" cut limestone with a "+" across the top was found 8" above grade in a rock cairn next to a steel t-post with a no trespassing sign and a steel u-post with a Monroe County Survey Marker sign. The stone is on a wooded north slope about 25 feet north of the north side of an old east/west roadbed. Old wire fence remains were observed in trees heading west from the stone. The monument was set by Monroe County Surveyor Raymond Graham as shown on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974, on file in the office of the Monroe County Surveyor. It was witnessed by Monroe County Surveyors Edmund Farkas (February 17, 1983), Michael Friley (March 28, 1995), and Trohn Enright-Randolph (February 20, 2024). We located the stone as a tie to the 1974 Graham survey and a 2005 survey by James Zimmer recorded as Instrument Number 2005019992.

Twpcor_V (OSM #2043: *Township Corner Common to Section 31-T8N-R2W, Section 6-T7N-R2W, Section 36-T8N-R3W, and Section 1-T7N-R3W*): An 8" x 4" stone with a deep chiseled "+" on top was found flush on the south side of a 4-way fence intersection. The origin of this stone is unknown, but it is similar in size and shape to the stones most frequently set by the county surveyors of the 1800s. It first appeared in the modern survey record in 1971, when Lee Utt accepted it. The stone has been accepted on all subsequent surveys of record, and we accepted it as the best evidence of the corner with no associated uncertainty. The Monroe County Surveyor Review Board accepted it in 1997 and 2023.

#10106: (*Point on the west line of the Northwest quarter of Section 19-T8N-R2W*): A 3/4" i.d. iron pipe was found 3" above grade leaning west next to a steel t-post. Raymond Graham set the rebar on the line between the stone at VanBu_A13 and the railroad spike at VanBu_A17. It was accepted by Lee Utt in 1998 and 2003, as shown on surveys in Section 19-T8N-R2W performed for Hoyt recorded as Instrument Numbers 00825642 and 2004024121.

#10108: (*Point on the east line of the Northeast quarter of Section 24-T8N-R3W*): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 5" above grade next to a t-post. The rebar was set by Lee Utt on the line between the stone

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at VanBu_A13 and the Utt rebar at 8N3W_P25, as shown on a survey for Hoyt dated January 29, 1998, and recorded in the office of the Greene County Recorder as Instrument Number 1998-4493.

#10137: *(Near the east line of the Northwest quarter of Section 19-T8N-R2W):* A 1" o.d. pinch top iron pipe was found 6" above grade next to a steel t-post and in line with other posts to the north and south. The pipe was set by Raymond Graham as depicted on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974. Mr. Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. The pipe is 22.62 feet west of the east line of the quarter, as established by this survey.


#10139: *(Northeast corner of a 32.57-acre tract in the Northwest quarter of Section 19-T8N-R2W surveyed by Lee Utt on a survey dated January 29, 1998, and recorded as Instrument Number 00825642):* A 3/4" i.d. iron pipe was found 1" above grade next to a steel t-post and in line with other posts to the north. The pipe was set by Raymond Graham as depicted on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974. Mr. Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. The pipe was accepted by Lee Utt in 1998, but it is 20.26 feet west of the east line of the quarter, as established by this survey.

#10150: *(Southwest corner of a 4.46-acre tract in the Northwest quarter of Section 19-T8N-R2W):* A 3/4" pinch top pipe was found 6" above grade at the northwest base of a 12" wooden corner post with fence to the south and east. The pipe was set by Lee Utt at the West 1/4 corner of Section 19, as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets found in Mr. Utt's file indicate that the pipe was set at an existing fence corner. The pipe is 9.71 feet west of the Range Line, as later established by Mr. Utt between the stone at the Northwest corner of Section 19 (VanBu_A13 #10110) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222). We held the pipe to establish the south line of the Northwest quarter of Section 19 but did not accept it as the quarter corner.

#10154: *(Point on the east line of the Southeast quarter of Section 19-T8N-R2W):* A 5/8" rebar with a yellow plastic cap stamped "GRAHAM PC ...14" was found flush 17.3 feet west of a north/south fence and S 00°39'32" E 275.23 feet from the cut limestone at VanBu_E15. It was set by Raymond Graham online between the cut limestone at VanBu_E15 and the railroad spike at VanBu_E17 as shown on the Cardwell 3 Tract Type E Administrative Subdivision dated May 1, 2001, and on file in the office of the Monroe County Auditor.

#10167: *(Near the east line of the Northeast quarter of Section 19-T8N-R2W):* A 3/8" rebar was found flush next to a steel t-post and 1.3 feet east of a north/south fence. The origin of the rebar is unknown. It is 12.61 feet east of the east line of the Northeast quarter of Section 19 and N 1°32'49" E 381.13 feet from the stone found at VanBu_E15.

#10182: *(S 1°41'48" W 88.16 feet from the calculated East 1/16 Corner common to Sections 18 and 19-T8N-R2W):* A 1/2" rebar was found 4" above grade next to a steel t-post. The rebar was set by Edmund Farkas, as shown on his survey of 149.02 acres in Section 19, dated February 21, 1983, and recorded as Instrument Number 2013015591. The Farkas survey does not include a section breakdown, but based on the provided dimensions and monuments located in this survey, we can infer that he set the North 1/4 corner of Section 19 (VanBu_C13) based on proportionate measurements between the cut limestones at the Northwest corner (VanBu_A13) and the Northeast corner (VanBu_E13) of Section 19. The 1/2" rebar is labeled on the 1983 survey as the 1/16 corner, so it should have been established at the midpoint between the North 1/4 corner and the Northeast corner of Section 19. However, it appears that an error was made, and the rebar was placed at a significant skew off the north line of the Northeast quarter. The 1/2" rebar was useful as a tie to the Farkas survey, but it is 88.12 feet south and 2.61 feet west of the 1/16 corner, as calculated for this survey.

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#10184: (N 89°44'17" W 1287.98 feet from the cut limestone at the East 1/4 Corner of Section 19-T8N-R2W): A 5/8" rebar with a yellow plastic cap stamped "DECKARD 29900012" was found 4" above grade and 1.2 feet west of a north/south wire fence. The rebar was located as a tie to the Cardwell Type E Administrative Subdivision Amendment One by Eric Deckard, dated April 17, 2019, and recorded as Instrument Number 2019006267.

#10193: (Southeast corner of a 4.46-acre tract in the Northwest quarter of Section 19-T8N-R2W): A 3/4" pinch top pipe was found 6" above grade and 1.25 feet north of an east/west fence. It was set by Lee Utt on the south line of the Northwest quarter of Section 19, as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets found in Mr. Utt's file indicate that the pipe was set in an existing east/west fence. The pipe is located 0.35 feet north of the south line of the Northwest quarter of Section 19.


#10195: (Southeast corner of a 15-acre tract in the Northwest quarter of Section 19-T8N-R2W): A 3/4" galvanized pinch top pipe was found 5" above grade and 1.5 feet north of an east/west fence. It was set by Lee Utt on the south line of the Northwest quarter of Section 19, as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets found in Mr. Utt's file indicate that the pipe was set in an existing east/west fence. We held the pipe, along with the pipe found at #10150, to establish the south line of the Northwest quarter of Section 19.

#10200: (Southeast corner of a 32.57-acre tract in the Northwest quarter of Section 19-T8N-R2W surveyed by Lee Utt as shown on a survey dated January 29, 1998, and recorded as Instrument Number 00825642): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 6" above grade next to a steel t-post. Mr. Utt held the south line of the 32.57-acre tract parallel with the three pinch-top pipes found along the south line of the Northwest quarter of Section 19 (#10150, #10193, and #10195). His establishment of the east line of the Northwest quarter was based on Raymond Graham's survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974. There are some inconsistencies in the dimensions provided on the Townsend survey, but we believe that Mr. Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. The rebar is 17.94 feet west of the east line of the quarter, as established by this survey.

#10203: (Northwest corner of a 4.46-acre tract in the Northwest quarter of Section 19-T8N-R2W): A 3/4" galvanized pinch top pipe was found 7" above grade. Lee Utt set it between the stone at VanBu_A13 (#10110) and the pinch pipe at #10150, which Mr. Utt set as the West 1/4 Corner of Section 19 (VanBu_A15) as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. The pipe is located 12.03 feet west of the west line of the Northwest quarter of Section 19, as later established by Lee Utt, between the stone at the Northwest corner of Section 19 (#10110) and the railroad spike at the Southwest corner of Section 19 (#10222).

#10242: (Northeast corner of a 2.73-acre tract in the Northwest quarter of Section 30-T8N-R2W depicted as Tract 2 on the George & Mildred Harris survey by Lee Utt dated February 26, 1999, and recorded as Instrument Number 00906020): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 2" above grade on the south side of Elwren Road. The rebar was set by Lee Utt in 1999 on the line between the railroad spike found at the Northeast corner of Section 30 (VanBu_E17) and the railroad spike set by Mr. Utt as the Northwest corner of Section 30 (VanBu_A17). The railroad spike set by Mr. Utt was not found. He set it 5.28 feet north of the railroad spike at #10222, which we accepted as the Northwest corner of Section 30. The rebar is 11.25 feet north of the north line of the Northwest quarter of Section 30, as established by this survey.

#10360: (Northwest corner of Tract 1 in the Larry Conder Type A Administrative Subdivision recorded as Instrument Number 2011008370 located in Section 31-T8N-R2W): A 5/8" rebar with a yellow plastic TAPP cap was found 0.3 feet below grade. The rebar is 1.11 feet east of the line between the drill steel found at the South 1/4 Corner of Section 31 (VanBu_C25) and the stone found at the North 1/4 Corner of Section 31 (VanBu_C21). The rebar was held to calculate the

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Center of Section 31 by Compton, Deckard, and Borgman, and we also used it to calculate the Center 1/4 corner of Section 31. Additional details are noted in the Monument Record for VanBu_C23.

#10535: (Near the Southeast corner of Elwren Subdivision Lot 3, recorded as Instrument Number 1999019385, located in the Southwest quarter of Section 19-T8N-R2W): A 1" pinch top pipe coated in black rubber was found 10" above grade and bent east at the east base of a railroad tie corner post with distinct fence remains heading north, south, and west. A similar pipe was found at another corner of Elwren Subdivision (#10541). The pipe is 1.60 feet east of the east line of the Southwest quarter of Section 19, as established by this survey. The origin of the pipes is unknown.

#10541: (Near a corner of Elwren Subdivision Lot 1 recorded as Instrument Number 1999019385 located in the Southwest quarter of Section 19-T8N-R2W): A 1" pinch top pipe of unknown origin was found coated in black rubber, 4" below grade, and 5.4 feet north of an east/west fence. A similar pipe was found at another corner of Elwren Subdivision (#10535).


#10547: (Near the East line of the West half of the Southeast quarter of Section 19-T8N-R2W): A 5/8" rebar with an orange plastic cap stamped "GRAHAM PC 9800014" was found 2" above grade at the southwest corner of a fence post with fence to the east and north. The rebar is 2.17 feet west of the theoretical east line of the West half of the Southeast quarter of Section 19, as calculated at the midpoints of the north and south lines of the quarter. The rebar was set by Raymond Graham, as shown on the Cardwell 3 Tract Type E dated May 1, 2001, and filed in the office of the Monroe County Auditor.

#10553: (Southwest corner of Tract 3 in the Larry Conder Type A Administrative Subdivision recorded as Instrument Number 2011008370 located in Section 31-T8N-R2W): A 5/8" rebar with a yellow plastic TAPP cap was found flush 0.3 feet west of the line between the Tapp rebar found at #10360 and the drill steel found at the South 1/4 Corner of Section 31 (VanBu_C25). The rebar is on the line between the drill steel found at the South 1/4 Corner of Section 31 (VanBu_C25) and the stone found at the North 1/4 Corner of Section 31 (VanBu_C21).

#10578: (Point on the north/south center line of Section 31-T8N-R2W also being a corner common to Lot 1 of Armstrong Type E (Instrument Number 2021009153) and Lot 1 of JLR Type E (Instrument Number 2022002218): A 5/8" rebar with a blue plastic Deckard cap was found 6" above grade and 7.9 feet east of a north/south fence. The corner was located as a tie to the two Type E subdivisions noted above. It was found to be online between the stone at the North 1/4 Corner of Section 19 (VanBu_C21) and the Tapp rebar found at #10360.

POINT TABLE:

Number	Northing	Easting	CornerID	Description	Found/Set
2020	1395743.83	3068464.36	InCr C01	HARRISON MONUMENT	FOUND
2032	1395714.87	3071113.42	InCr E01	MAGSPIKE	FOUND
2043	1395748.35	3066586.03	TwpCor V	STONE	FOUND
2044	1395745.16	3068350.82	VanBu C25	1-1/2" DRILL STEEL	FOUND
2045	1395714.69	3070990.26	VanBu E25	5/8" REBAR	FOUND
5695	1398337.89	3068425.14	VanBu C23	CALCULATED	CALC
5729	1408873.85	3066450.10	VanBu A15	OSER REBAR	SET
5732	1408855.48	3068493.72	VanBu C15	OSER REBAR	SET
10102	1400928.89	3071117.73	VanBu E21	PIPE	FOUND
10106	1410201.75	3066435.17	N/A	3/4" PIPE	FOUND
10108	1410426.34	3066432.55	N/A	UTT REBAR	FOUND
10110	1411428.42	3066421.24	VanBu A13	CUT LIMESTONE	FOUND
10119	1411600.81	3066419.45	8N3W N25	CUT LIMESTONE	FOUND
10123	1411442.93	3068487.34	VanBu C13	1/2" REBAR	FOUND
10137	1410455.34	3068467.15	N/A	PINCH PIPE	FOUND
10139	1410220.51	3068470.09	N/A	3/4" PIPE	FOUND

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10150	1408873.94	3066440.39	WIT. TO A15	PINCH PIPE	FOUND
10151	1408963.91	3066449.07	8N3W P25	UTT REBAR	FOUND
10154	1408550.74	3071119.25	N/A	GRAHAM REBAR	FOUND
10156	1408825.95	3071116.09	VanBu E15	CUT LIMESTONE	FOUND
10167	1409206.95	3071126.38	N/A	3/8" REBAR	FOUND
10169	1411459.34	3071100.05	VanBu E13	CUT LIMESTONE	FOUND
10182	1411363.01	3069791.10	N/A	1/2" REBAR	FOUND
10184	1408831.84	3069828.12	N/A	DECKARD REBAR	FOUND
10193	1408869.67	3066881.20	N/A	PINCH PIPE	FOUND
10195	1408862.19	3067746.87	N/A	PINCH PIPE	FOUND
10200	1409504.48	3068474.18	N/A	UTT REBAR	FOUND
10203	1409314.29	3066433.10	N/A	PINCH PIPE	FOUND
10205	1406256.14	3068490.30	VanBu C17	RAMSEY REBAR	FOUND
10222	1406329.48	3066479.36	VanBu A17	RAILROAD SPIKE	FOUND
10227	1406324.23	3066479.48	8N3W R25	RAILROAD SPIKE	FOUND
10242	1406297.91	3067653.69	N/A	UTT REBAR	FOUND
10251	1406187.99	3071145.62	VanBu E17	RAILROAD SPIKE	FOUND
10325	1398310.92	3071064.76	VanBu E23	PIPE	FOUND
10360	1398287.82	3068423.75	WIT. TO C23	TAPP REBAR	FOUND
10371	1403648.52	3066503.87	VanBu A19	HARRISON MONUMENT	FOUND
10380	1403678.83	3066503.54	8N3W T25	HARRISON MONUMENT	FOUND
10387	1403596.73	3068494.08	VanBu C19	STONE	FOUND
10402	1400951.01	3068497.86	VanBu C21	STONE	FOUND
10443	1398391.21	3066554.45	8N3W X25	STONE	FOUND
10452	1398356.99	3066554.77	VanBu A23	STONE	FOUND
10484	1401035.73	3066529.90	8N3W V25	HARRISON MONUMENT	FOUND
10494	1400969.66	3066530.57	VanBu A21	HARRISON MONUMENT	FOUND
10518	1403555.80	3071138.36	VanBu E19	MAGSPIKE	SET
10525	1411439.23	3073749.25	VanBu G13	CUT LIMESTONE	FOUND
10535	1406679.84	3068492.45	N/A	PINCH PIPE	FOUND
10541	1406557.99	3067681.29	N/A	PINCH PIPE	FOUND
10547	1406602.22	3069813.89	N/A	GRAHAM REBAR	FOUND
10553	1396451.52	3068370.77	N/A	TAPP REBAR	FOUND
10578	1399789.11	3068465.51	N/A	DECKARD REBAR	FOUND

CERTIFICATION: This document is not complete without the associated plats and Monroe County Monument Records. This survey was performed without benefit of evidence of source of title and is subject to any statement of facts revealed by the same. Evidence of easements have not been located in the field and are not shown on this survey drawing. This qualification will be removed upon receipt and inspection of current title work. Subject to the above reservation, the survey work shown hereon was performed either by me or under my direct supervision and control and, to the best of my knowledge and belief, was performed according to the survey requirements in 865 IAC 1-12-1 through 34.


Certified September 17, 2024

Rachel Oser

Rachel Oser
State of Indiana
Professional Surveyor 21100022

I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. Rachel Oser



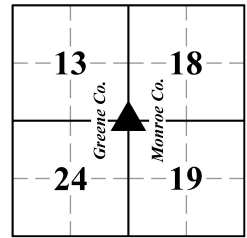
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MONUMENT RECORD

Corner ID: VanBu_A13

Section Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

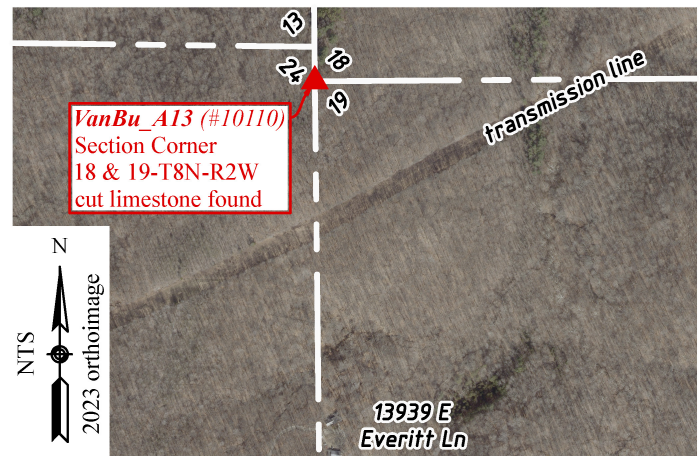
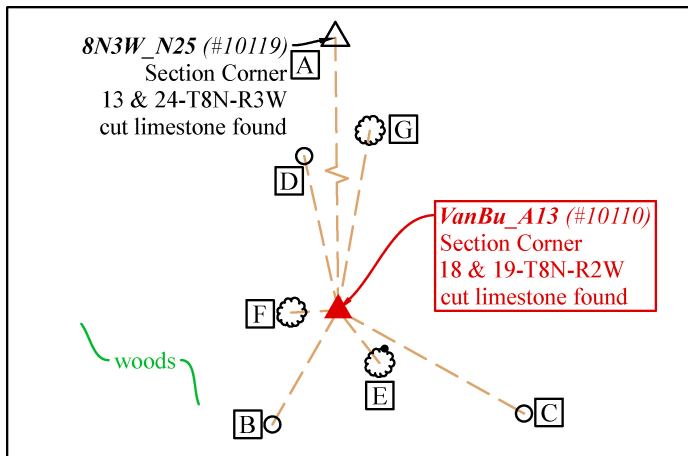


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" x 4" cut limestone with a chiseled "+" across the top was found 6" tall next to two t-posts.

GEODETIC COORDINATES: Northing: 1411428.42, Easting: 3066421.24

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°35'37" W	172.40'	8N3W_N25 – Section Corner common to Sections 13 and 24-8N-3W (#10119) 4"x4" cut limestone with chiseled "+" across the top found 7" tall
B	S 29°58'20" W	13.18'	Rebarlite with Monroe County cap set 1" below grade.
C	S 60°56'48" E	21.27'	Rebarlite with Monroe County cap set 1" below grade.
D	N 12°27'39" W	15.77'	Rebarlite with Monroe County cap set 1" below grade.
E	S 38° E	6.7'	Nail found 4.3 feet above grade on the north side of a 9" dbh beech
F	S 87° W	4.7'	5" dbh beech measured 12" above grade on its south side
G	N 10° E	18.2'	4" dbh red maple measured 7" above grade on its west side

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 1" below grade. Witness ties A, B, C, and D were located with RTK. Distances to witness ties E, F, and G were measured with a 100-foot steel tape. Bearings to witness ties E, F, and G were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
We attached a Monroe County Survey Marker sign to a steel t-post found 0.3 feet east of the stone. The sign is 4.25 feet above grade and facing west. A second steel t-post was found 0.85 feet north of the stone.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

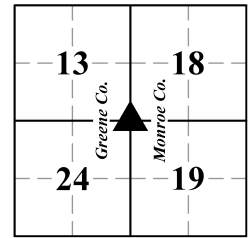
The stone is approximately 75 feet east of a north/south trail in an open and level woodland with no evidence of possession in the immediate vicinity. It is noted hereon as limestone due to its appearance and reactivity to hydrochloric acid. Witness Tie E above was found per the 1983 Monument Record. The tulip and maple trees from the 1983 Monument Record were not found.

MONUMENT RECORD

Corner ID: VanBu_A13

Section Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: Wooden post set 261 links south of the
post corner for Sections 13 & 24-T8N-R3W

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	15"	N 83° W	18 lks
Dogwood	4"	S 45° E	22 lks

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/15/1864	Spencer, James	Legal Survey in Sec.19-8N-2W (<i>measured to the corner but did not describe or witness the monument</i>)	MCSO LSB2, page 87
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (<i>origin of stone</i>)	MCSO
Unknown c.1974	Graham, Raymond	Corner plat for Section 19-8N-2W (<i>stone set</i>)	MCSO
01/29/1998	Utt, Lee	Survey for Hoyt in Section 24-8N-3W (<i>stone found</i>)	MCR 1998-4493
01/29/1998	Utt, Lee	Survey for Hoyt in Sec.19-8N-2W (<i>stone found</i>)	MCR 00825642
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County (<i>stone found</i>)	GCSO
06/01/2001	Bledsoe, Ben	Greene County Corner Perpetuation (<i>stone found</i>)	GCSO
11/19/2003	Utt, Lee	Hoyt 28-acre tract in Sec. 19-8N-2W (<i>stone found</i>)	MCR 2004024121

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. Monroe County Surveyor Edmund Farkas accepted the stone on March 22, 1983.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Surveyor Raymond Graham in 1974. Graham calculated the length of the west lines of Sections 18 and 19 from the original government survey and set the stone at the calculated distance south of a stone found at the Northwest corner of Section 18. The limestone was witnessed by Monroe County Surveyor Edmund Farkas in 1983 and has been consistently accepted by subsequent surveyors. We accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_A13

Section Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

13	18
Greene Co.	Monroe Co.
24	19

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 1, 2024



Photo Orientation & Description: Looking northeast at A13



Photo Orientation & Description: Looking northwest at A13

FIELD PERSONNEL:

Field Date: 05/01/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/29

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

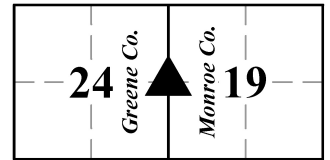
MONUMENT RECORD

Corner ID: **VanBu_A15**

West 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

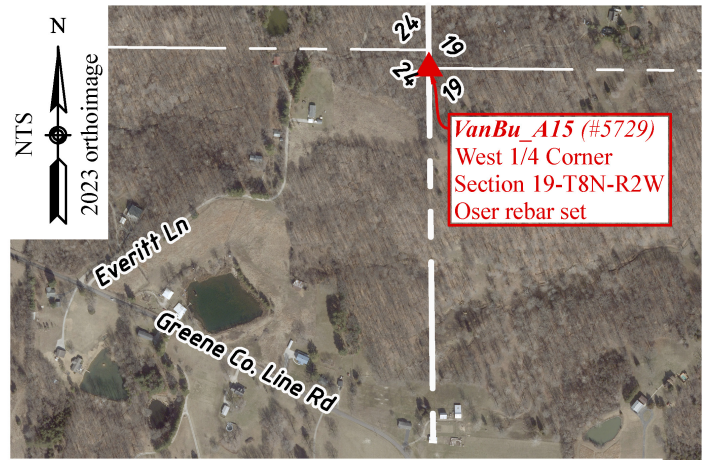
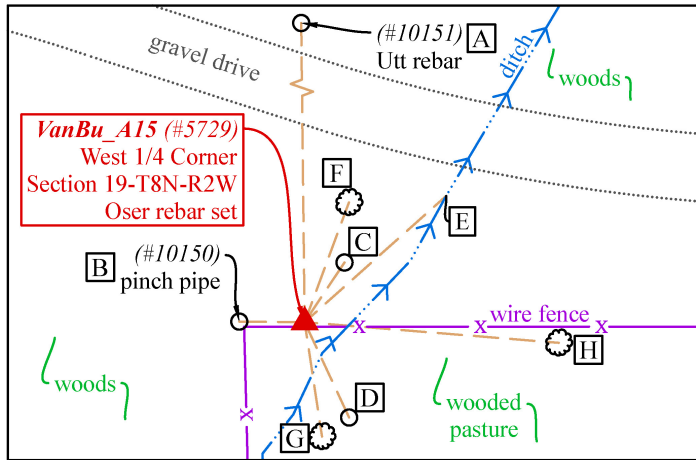


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS# 21100022" set 5" above grade 0.9 feet north of an east/west fence.

GEODETIC COORDINATES: Northing: 1408873.85, Easting: 3066450.10

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°39'32" W	90.06'	8N3W_P25 – East 1/4 corner of Section 24-8N-3W (#10151) 1/2" rebar with a small yellow plastic cap stamped "UTT S-0089" found 2" tall next to a steel t-post
B	N 89°29'6" W	9.71'	3/4" pinch top iron pipe found 6" tall at the northwest base of a 12" wooden corner post with fence to the east and south (#10150)
C	N 33°45'47" E	10.66'	Rebarlite with Monroe County cap set flush on the west side of a small ditch
D	S 25°2'27" E	15.62'	Rebarlite with Monroe County cap set flush on the east side of a small ditch
E	N 48° E	28.2'	Top of 16" plastic culvert
F	N 20° E	19.0'	27" dbh shagbark hickory
G	S 9° E	17.2'	18" dbh shagbark hickory
H	S 85° E	37.9'	16" dbh shagbark hickory

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A through D were located with RTK. Witness ties E through H were located radially with a conventional total station (Nikon Nivo) from points established by RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.9 feet south of the rebar in an east/west fence with a Monroe County Survey Marker sign attached 4 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is approximately 30 feet south of the south edge of the gravel lane leading to the house at 13938 E Everitt Lane. It is in a wooded area on the north side of an east/west fence approximately 9 feet east of a fence corner.

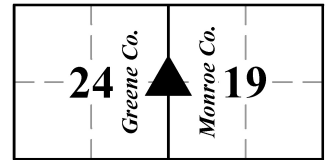
MONUMENT RECORD

Corner ID: VanBu_A15

West 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The original government surveyor did not establish the West 1/4 of Section 19.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/15/1864	Spencer, James	Legal Survey in Sec.19-8N-2W <i>(Measured to this corner as part of running the Northwest quarter of Section 19, but did not describe or witness a monument)</i>	MCSO LSB2, pg 87
10/15/1979	Utt, Lee	Survey of two tracts in Section 19-8N-2W for Phil Jolly <i>(Origin of pinch top pipe found at Witness Tie B (#10150))</i>	Deckard Land Surveying
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County <i>(Calculated this corner at the midpoint between the northwest and southwest corners of Section 19. Noted that the pinch-top iron pipe was found 6" tall at a fence corner 5.2 feet south and 9.75 feet west of the calculated position.)</i>	GCSO

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor did not establish the West 1/4 of Section 19, and we found no record of a stone at this corner.

A 3/4" pinch-top pipe was found 6" above grade at the northwest base of a 12" wooden corner post with fence to the south and east. The pipe was set by Lee Utt at the West 1/4 corner of Section 19 as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets in Mr. Utt's file indicate that the pipe was set at an existing fence corner. The pipe is 9.71 feet west of the Range Line, as later established by Mr. Utt by holding the stone at the Northwest corner of Section 19 (VanBu_A13 #10110) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222). We held the pipe to establish the south line of the Northwest quarter of Section 19 but did not accept it as the quarter corner.

We established this corner at the intersection of the east line of Section 24-T8N-R3W as measured between the Utt rebar at the East 1/4 corner of Section 24 (8N3W P25 #10151) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222) with the westerly extension of the line from the pinch top pipe found at #10195 (also set by Mr. Utt in 1979) through the pinch top pipe found at #10150. The corner thus established is 5.10 feet north and 0.20 feet west of the midpoint between opposite quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 9.7 feet.
- Discrepancies in the Documents: 5.1 to 9.7 feet.
- Inconsistencies in the lines of Occupation: 9.7 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_A15

West 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

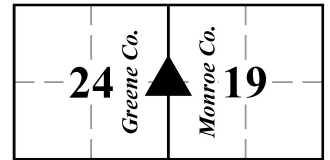


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: August 21, 2024



Photo Orientation & Description: Rebar set at A15



Photo Orientation & Description: Looking south at A15 with pinch pipe at fence corner visible on the far right side of the photo

FIELD PERSONNEL:

Field Date: 05/01/2024, 05/09/2024, and 08/21/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269

Field Book: OSM 7/19 and OSM 7/57

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

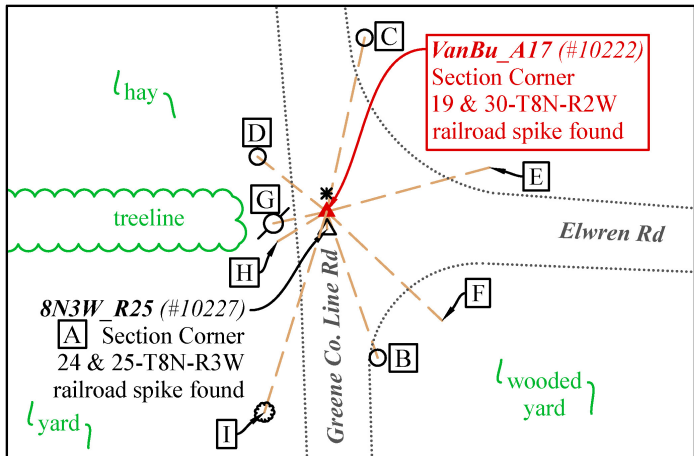
24	19
Greene Co.	Monroe Co.
25	30

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

Railroad spike found 6" below grade at the intersection of Elwren Road and Greene County Line Road.

GEODETIC COORDINATES: Northing: 1406329.48, Easting: 3066479.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 1°22'33" E	5.25'	8N3W_R25 – Section Corner common to Sections 24 and 25-8N-3W (#10227) Railroad spike found 0.2 feet deep at the intersection of Elwren Road and Greene County Line Road
B	S 19°15'4" E	46.16'	Rebarlite with Monroe County cap set flush 2.65 feet east of the east edge of asphalt of Greene County Line Road
C	N 12°17'3" E	53.14'	Rebarlite with Monroe County cap set flush 5 feet east of the east edge of asphalt of Greene County Line Road and 0.9 feet west of a 2" x 3" wood post
D	N 51°32'24" W	26.37'	5/8" rebar with broken cap found 3" deep
E	N 75° E	50.4'	Stop signpost
F	S 47° E	47.4'	Smithville Riser (center)
G	S 78° W	16.3'	Center of 12" utility pole UDWI #148548 with Monroe County Surveyor sign found 3.4 feet tall on the east side and a mag nail found 12" tall on the north side
H	S 59° W	17.2'	West side (back) of phone riser
I	S 17° W	62.7'	18" diameter coniferous stump (<i>jack pine per Enright and cedar per Farkas</i>)

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. All witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

The Monroe County Survey Marker sign found on the utility pole noted as Witness G above was found in good condition. No new post or sign was set.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

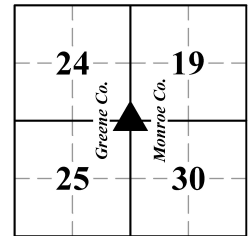
The centerline/centerline intersection of Elwren Road and Greene County Line Road falls between the railroad spikes found at #10222 and #10227.

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: Wooden post set 8 links north of the post corner for Sections 24 & 25-T8N-R3W

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	N 80° W	5 lks
Beech	5"	N 10° E	7 lks

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 09/09/1843 By: Spencer, J.W.

Where filed or recorded: MCSO LSB1, pg 79

Original monument: Legal Survey in Sec.30-8N-2W
(measured to corner, but did not witness or describe the monument)

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

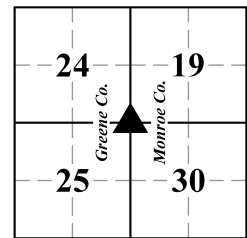
Date	Surveyor	Description	File Location
Unknown c.1974	Graham, Raymond	Corner plat for Section 19-8N-2W (accepted railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W)	MCSO
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (A railroad spike is depicted at the intersection of the Range line with a fence line to the west.)	MCSO
1981-1992	Farkas, Ed	Undated Monument Record (accepted railroad spike at #10222 as the corner common to 19 & 30-8N-2W)	MCSO
06/19/1992	Mundy, Michael	Survey in Section 25-8N-3W (accepted railroad spike at #10222 as the corner common to Sections 24 & 25-8N-3W)	GCR 1992-5919
06/13/1997	Bledsoe, Ben	Survey for Land of Indiana in Sec. 19, 20, & 29-8N-2W (accepted railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W per county ties)	MCR 00801638
01/29/1998	Utt, Lee	Survey for Hoyt in Sec. 19-8N-2W (accepted railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W)	MCR 00825642
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County (Mr. Bledsoe noted that various surveyors had used the railroad spike at #10222 interchangeably as the corner for Sections 24 & 25-8N-3W and Sections 19 & 30-8N-2W. He decided that the railroad spike at #10222 fit best with the occupation lines in the west half of Section 19. Mr. Bledsoe accepted the railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W and set the railroad spike at #10227 as the corner common to Sections 24 & 25-8N-3W)	GCSO
02/26/1999	Utt, Lee	Survey for Harris in Sec.30-8N-2W (Mr. Utt accepted the spike at #10222 as the corner common to Sections 24 & 25-8N-3W, set a new spike 5.28 feet north of the spike at #10222, and informed the Monroe County Surveyor that the Monument Record on file was incorrect. The third railroad spike was not found this survey. It is depicted with an * on the above Monument Location Sketch.)	MCR 00906020
11/18/1999	Enright, Kevin	Monument Record for VanBu_A17 (Mr. Enright found three railroad spikes and witnessed the spike that was 5.28 feet north of #10222 per the instructions he received from Mr. Utt. The	MCSO

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



		<i>third railroad spike was not found this survey. It is depicted with an * on the above Monument Location Sketch.)</i>	
11/16/2002	Campbell, Steven	Survey of 5.08 acres in Section 24-8N-3W (<i>found railroad spikes at #10222 and #10227 and accepted the spike at #10222 as the Section Corner common to Sections 24 & 25-8N-3W</i>)	GCR 2003-0536
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W (<i>accepted the railroad spike at #10222 as the corner of Sections 19 & 30-8N-2W</i>)	MCR 2003035601
11/19/2012	James, Marty	Fowler 400-acre farm survey in Sections 23, 25 & 26-8N-3W (<i>accepted the railroad spike at #10227 as the corner common to Sections 24 & 25-8N-3W</i>)	GCR 2012-5661
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W (<i>accepted the railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W</i>)	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No. The railroad spike (not found this survey) located 5.28 feet north of the railroad spike found at #10222 was approved by the Monroe County Surveyor Review Board on November 18, 1999.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original surveyor monumented this corner with a wooden post 5.28 feet north of the post corner of Sections 24 & 25-8N-3W. Monroe County Surveyor J.W. Spencer measured to this corner in 1843 but did not describe or witness the monument.

A 1974 survey by Raymond Graham depicts a railroad spike at the intersection of the Range Line with a fence line to the west. The survey does not note if the spike was found or set or which section corner it represented. However, the dimensions indicate that the railroad spike was accepted as the Southwest corner of Section 19 and was used to establish the Northwest corner of Section 19 at the record original survey distance between the railroad spike and a stone found at the Northwest corner of Section 18. An undated and unsigned Section Breakdown sketch that we believe was prepared by Raymond Graham in the mid-seventies in his capacity as Monroe County Surveyor depicts the same railroad spike as the Southwest corner of Section 19.

The italicized notes in the above "Other Survey History" section detail the rest of the history of the railroad spike in chronological order. The railroad spike at #10222 has at times been accepted as the Section corner common to Sections 24 and 25-8N-3W and at other times been accepted as the Section Corner common to Sections 19 and 30-8N-2W. It was witnessed by Monroe County Surveyor Ed Farkas between 1981 and 1992 as the Section Corner common to Sections 19 and 30-8N-2W and was accepted per the county ties on a perpetuation survey prepared in 1998 by Ben Bledsoe for the Greene County Surveyor. Bledsoe also set the railroad spike 5.28 feet south at the corner common to Sections 24 and 25 (#10227). Bledsoe then used the two spikes to establish four aliquot corners along the range line by proportion. In 1999, Lee Utt set a third railroad spike 5.28 feet north of #10222, calling it the corner common to Sections 19 and 30. Monroe County Surveyor Kevin Enright witnessed Utt's spike in 1999. We did not find Mr. Utt's spike and found no evidence of its acceptance by other surveyors in the records. In fact, Mr. Utt accepted the railroad spike at #10222 in 2003.

The railroad spike at #10222 has been used as the section corner for the sections on both sides of the Range Line throughout at least the last 30 years of its 50-year history. We accepted it as the Section corner common to Sections 19 and 30 because of the reliance on the spike by Graham to establish the Northwest corner of Section 19 and the reliance on the spike by Bledsoe to establish the West 1/4 and Southwest corners of Section 30.

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

24	19
Greene Co.	Monroe Co.
25	30

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 5.28 feet.
- Inconsistencies in the lines of Occupation: 3 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 9, 2024

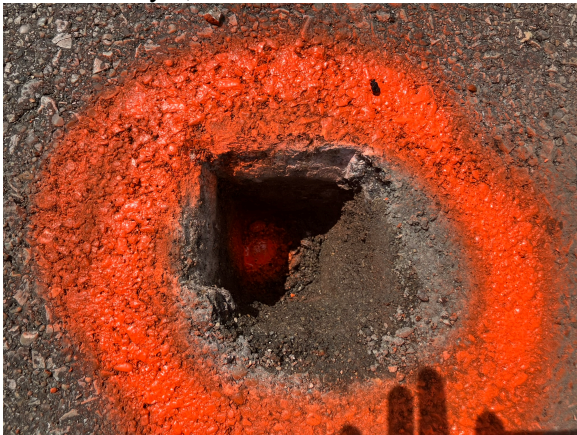


Photo Orientation & Description: Railroad spike at A17



Photo Orientation & Description: Looking west at A17

FIELD PERSONNEL:

Field Date: 05/09/2024 and 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/37

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

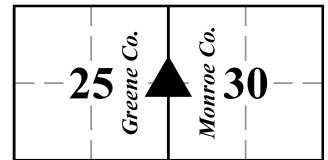
MONUMENT RECORD

Corner ID: **VanBu_A19**

West 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

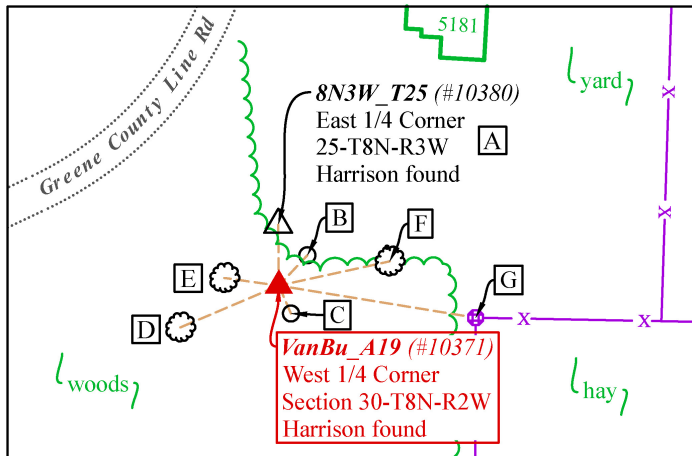


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found 2" tall.

GEODETIC COORDINATES: Northing: 1403648.52, Easting: 3066503.87

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°37'15" W	30.31'	8N3W_T25 – East 1/4 Corner of Section 25-8N-3W (#10380) 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top found flush with grade
B	N 43°12'30" E	20.75'	5/8" rebar with red plastic cap stamped "WITNESS" found flush
C	S 23°28'59" E	15.15'	Rebarlite with Monroe County cap set flush at the top of bank
D	S 67° W	53.3'	21" sugar maple measured 5.4 feet above grade on its south side (no nail found). (Noted as a mag nail in an 18" catalpa on the 2010 Monument Record.)
E	N 82° W	27.4'	7" American elm measured 14" above grade on its southeast side
F	N 78° E	56.5'	Mag nail found 10" above grade on the north side of a fallen 24" catalpa. We located the center of the tree, which is still alive and growing. (This witness is noted as a 15" sugar maple on the 2010 Monument Record.)
G	S 81° E	99.3'	6" wood post with fence heading south and east and wire fence remains to the west

Notes: The witness tie noted as a "Rebarlite" is a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, F, and G were located with RTK. Distances to witness ties D and E were measured with a 100-foot steel tape. Bearings to witness ties D and E were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

The monument was found leaning significantly east. We straightened the monument and checked its location with the 1998 Greene County ties. We set a 5-foot steel t-post 0.3 feet west of the monument with a Monroe County Survey Marker sign attached 3.5 feet above grade facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is approximately 140 feet southwest of the southwest corner of the house at 5181 S Greene County Line Road in a heavily overgrown area with no evidence of possession in the immediate vicinity. A wooden corner post with

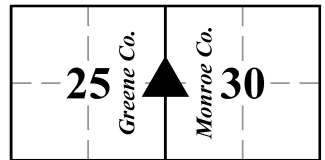
MONUMENT RECORD

Corner ID: VanBu_A19

West 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



wire fence remains heading west, and barbed wire fence to the south and east is located 98 feet east and 16 feet south of the Harrison monument. Another fence corner with fence remains heading west, north, and south is located 145 feet south and 17 feet west of the monument.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The original government surveyor did not establish the West 1/4 of Section 30.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 9/9/1843 By: J.W. Spencer

Where filed or recorded: LSB1, pg 79

Original monument: witness made at the W. 1/2 mile post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	15"	S 1.5° W	43.5 lks = 28.7'
Gum	15"	S 35° E	91.5 lks = 60.4'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County <i>Origin of Harrison</i>	GCSO
11/19/2012	James, Marty	Fowler 400-acre farm in Sections 23, 25 & 26-8N-3W <i>Accepted Harrison as East 1/4 Corner of Section 25-8N-3W</i>	GCR 2012-5661
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W <i>Accepted Harrison</i>	MCR 2020016690
05/31/2021	Deckard, Eric	Fowler/Conner Survey in Section 25-8N-3W <i>Accepted the Harrison monument as East 1/4 Corner of Section 25-8N-3W</i>	GCR 2021-3540

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on June 9, 2010.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

This corner was first established by Greene County Surveyor J.W. Spencer in 1843 at the midpoint between opposite section corners. No trace was found of Spencer's witness trees or a stone at the corner. Of note, the Spencer survey has two dimensions for the west line of the Southwest quarter of Section 30 that differ by 38.94 feet. We accepted the first dimension of 2663.1 feet because it correlates better with other elements of Spencer's survey and with the measured distance of the line. It is possible that the second dimension was meant to describe a different line.

In 1998, Ben Bledsoe set the Harrison monument at the midpoint between the Northwest and Southwest corners of Section 30. In 2010, the Harrison monument was accepted by the Monroe County Surveyor Review Board. The 2010 Monument Record notes that the Greene County offset corner is at a fence intersection approximately 150 feet south. In fact, the fence corner is near a property line. The offset corner is located 30.31 feet north and was also monumented with a Harrison by Bledsoe in 1998.

A 2012 survey by Marty James depicted the Harrison at the West 1/4 corner of Section 30 as the East 1/4 corner of Section 25-8N-3W. The mistake carried over to a 2021 survey by Eric Deckard. We accepted the southern Harrison monument as the best evidence of the corner.

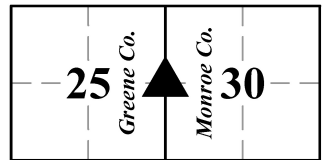
MONUMENT RECORD

Corner ID: VanBu_A19

West 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the monument set in 1843, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 38.94 feet.
- Inconsistencies in the lines of Occupation: North/south fence remains up to 17.2 feet west, and east/west fence remains up to 13.4 feet south.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 24, 2024



Photo Orientation & Description: A19 from above



Photo Orientation & Description: Looking west at A19

FIELD PERSONNEL:

Field Date: 05/24/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/46

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

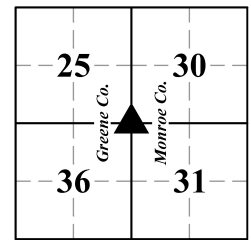
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: **VanBu_A21**

Section Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

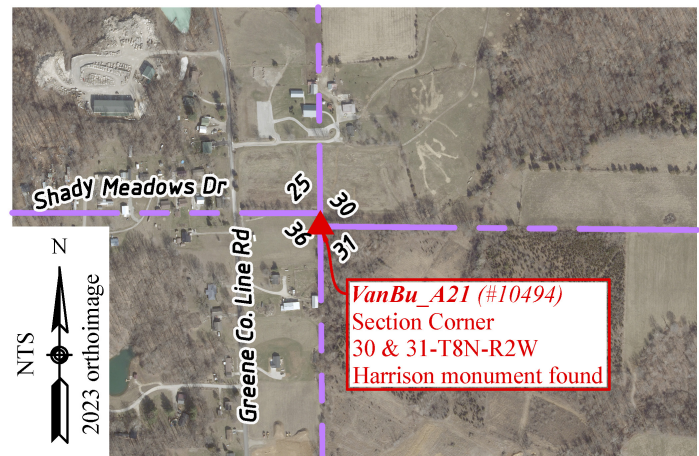
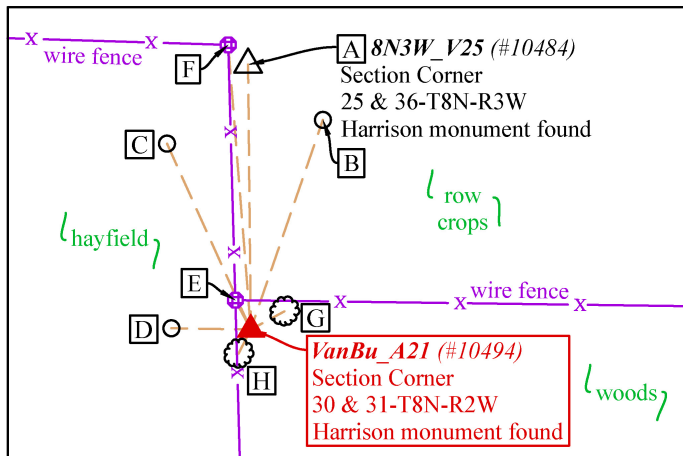


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found 5" tall. The monument is 7.3 feet south and 3.9 feet east of a railroad-rail corner post.

GEODETIC COORDINATES: Northing: 1400969.66, Easting: 3066530.57

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°34'58" W	66.07'	8N3W_V25 – Section Corner common to Sections 25 & 36-8N-3W (#10484) 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top found 5" below grade and 5.2 feet east of a north/south fence
B	N 19°2'41" E	55.31'	5/8" rebar found flush on the edge of a field of row crops per the Greene County Monument Record for 8N3W V25
C	N 24°18'45" W	50.88'	5/8" rebar with plastic witness cap found 2" below grade in a hay field per the Greene County Monument Record for 8N3W V25
D	N 89°6'4" W	19.85'	Rebarlite with Monroe County cap set flush in hay field at the edge of a mowed path
E	N 27°47' W	8.3'	West side of a 2" x 2-1/4" steel railroad-rail corner post in concrete with barbed wire fence to the north, south, and east
F	N 4°32' W	71.20'	Northeast corner of a 2" x 2-1/4" steel railroad-rail corner post in concrete with barbed wire fence to the south and west
G	N 61° E	9.5'	9" dbh sassafras measured to the northwest side 10" above grade
H	S 27° W	6.75'	8" dbh cedar measured to the east side 6" above grade

Notes: Witness tie noted as a "Rebarlite" is a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A through F were located with RTK. Distances to witness ties G and H were measured with a 100-foot steel tape. Bearings to witness ties G and H were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

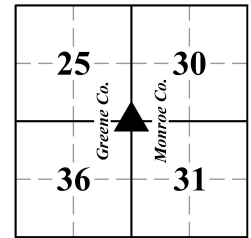
A 5-foot steel t-post was set 0.35 feet west of the Harrison Monument with a Monroe County Survey Marker sign attached 3.5 feet tall facing east.

MONUMENT RECORD

Corner ID: VanBu_A21

Section Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

There is a paved pull-off on the east side of Greene County Line Road approximately 225 feet north of the drive entrance to the home at 4932 N Greene County Line Road. From the pull-off, travel north approximately 125 feet to the fence line and then follow a mowed path on the south side of an east/west fence east for approximately 400 feet to the field corner. Then, continue following the mowed path along the west side of a north/south fence southerly for approximately 63 feet to another fence corner. The Harrison Monument is in a wooded area 4.2 feet east of the north/south fence.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P322

Original monument: Wooden post set 100 links south of the post corner for Sections 25 & 36-T8N-R3W

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	12"	N 63° E	4 links
Beech	15"	S 86° E	20 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 09/09/1843 By: Spencer, J.W.

Where filed or recorded: LSB1, pg 79

Original monument: Measured to this corner

Bearing Trees or Reference Monuments: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
07/06/1967	Dorman, Henry	Survey of 4-acre tract in Section 36-8N-3W	GCSO
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County	GCSO
05/15/2000	Utt, Lee	Survey for Hoffman in Section 36-8N-3W	GCR 2001-0084
08/18/2000	Tibbett, James	Survey for Jolly in Section 24-8N-3W	GCR 2001-4508
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W	MCR 2003035601
07/21/2006	Deckard, Eric	Yum Type E Admin. Subd. in Sec.31-8N-2W	MCR 2006020052
06/06/2011	Compton, Randolph L.	SR 45 & Breeden Road Location Route Control Survey in Section 31-8N-2W	MCR 2011007526 MCR 2011007528
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor set a wooden post at this corner 66 feet south of the post corner of Sections 25 & 36-8N-3W. In 1967, Henry Dorman accepted a fence corner post for this corner and another fence corner post 63.5 feet north for the corner of Sections 25 & 36-8N-3W. We found railroad-rail fence corner posts 63.6 feet apart.

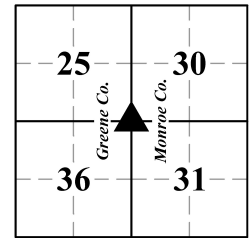
In 1998, Ben Bledsoe reestablished the corner of Sections 25 & 36-8N-3W by proportion between the stone at the East 1/4 Corner of Section 36 and the railroad spike at the Northeast corner of Section 25. The Harrison monument Bledsoe set is 4.9 feet south and 5.0 feet east of the railroad-rail corner post. Bledsoe then reestablished this corner and set the Harrison monument at the record falling south of the corner of Sections 25 & 36-8N-3W. The corner thus established is 7.3 feet south and 3.9 feet east of the other railroad-rail fence corner. Subsequent surveyors have consistently accepted the Harrison monuments, and we accepted them as the corners by common report.

MONUMENT RECORD

Corner ID: VanBu_A21

Section Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 7.3 feet.
- Inconsistencies in the lines of Occupation: 7.3 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 29, 2024



Photo Orientation & Description: Harrison at A21 from above



Photo Orientation & Description: Looking north at A21 with fence corner post visible in the background

FIELD PERSONNEL:

Field Date: 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/53

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

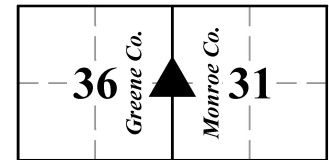
MONUMENT RECORD

Corner ID: **VanBu_A23**

West 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

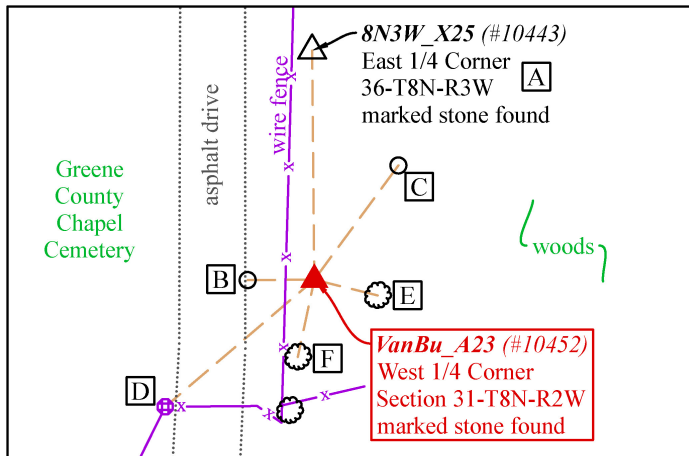


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 7" x 8" sandstone marked with a cut + on top was found flush 4.3 feet east of a north/south woven wire fence.

GEODETIC COORDINATES: Northing: 1398356.99, Easting: 3066554.77

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°32'58" W	34.22'	8N3W_X25 – East 1/4 Corner of Section 36-8N-3W (#10443) 0.7' x 0.3' sandstone with cut "+" on top found 0.1' below grade. The stone is 3 feet east of a north/south woven wire fence.
B	S 89°39'12" W	9.97'	Rebarlite with Monroe County cap set flush on the east edge of an asphalt drive
C	N 36°22'54" E	21.19'	5/8" rebar with plastic cap stamped "WITNESS" found 7" tall
D	S 50° W	29.3'	Northwest side of 3" galvanized fence post
E	S 75° E	9.75'	4" slippery elm (measured to the north side 5 feet above grade)
F	S 11° W	11.8'	11" dogwood (measured to the east side 2.2 feet above grade)

Notes: Witness tie noted as a "Rebarlite" is a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and D were located with RTK. Distances to witness ties E and F were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post with a Monroe County Surveyor sign attached 4.25 feet above grade facing south was found N 13° W 0.4 feet from the stone. Witness Tie A above correlates with Witness Tie C from the 2008 Monument Record. Witness Ties D and E from the 2008 Monument Record were verified but are not listed above because of their poor condition.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone was found in a wooded area 4.3 feet east of a north/south woven wire fence and 19 feet north of the gate across the eastern asphalt drive to the Greene County Chapel Cemetery. A Monroe County Surveyor sign was observed on the south side of a 39" catalpa tree on the east side of the gate. Both stones are noted as sandstone because they did not react to hydrochloric acid.

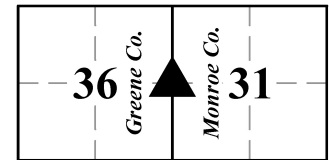
MONUMENT RECORD

Corner ID: VanBu_A23

West 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The West 1/4 of Section 31 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 6/18/1858 By: James Woodburn, Deputy

Where filed or recorded: LSB2, pg 16

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B.Walnut	8"	N 33° W	58 lks = 38.3'
Beech	40"	N 55° E	44.5 lks = 29.4'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec. C	INDOT
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County	GCSO
08/18/2000	Tibbett, James	Survey for Jolly in Section 24-8N-3W	GCR 2001-4508
07/21/2006	Deckard, Eric	Yum Type E Admin. Subd. in Section 31-8N-2W	MCR 2006020052
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31-8N-2W	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey in Section 31-8N-2W	MCR 2011007526 MCR 2011007528
11/19/2012	Tapp, Philip	Whaley Type A in Section 31-8N-2W	MCR 2012020021
12/02/2015	Ballard, Dustin	Bridge No. 93 Route Survey in Sections 31 and 32-8N-2W	MCR 2015017121
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/20/2022	Borgman, Todd	JLR Type E Administrative Subdivision Final Plat in Section 31-8N-2W	MCR 2022002218

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Deputy Surveyor James Woodburn in 1858 and has consistently been accepted by subsequent surveyors. We accepted the stone as the original corner with no associated uncertainty.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 4.3 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_A23

West 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

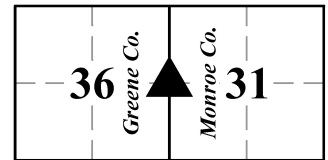


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 05/28/2024



Photo Orientation & Description: Stone at A23 from above



Photo Orientation & Description: Looking west at A23 with chapel visible in the background

FIELD PERSONNEL:

Field Date: 05/28/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/51

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:



Seal:

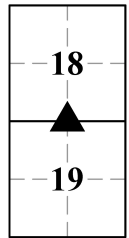
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_C13

Quarter Corner

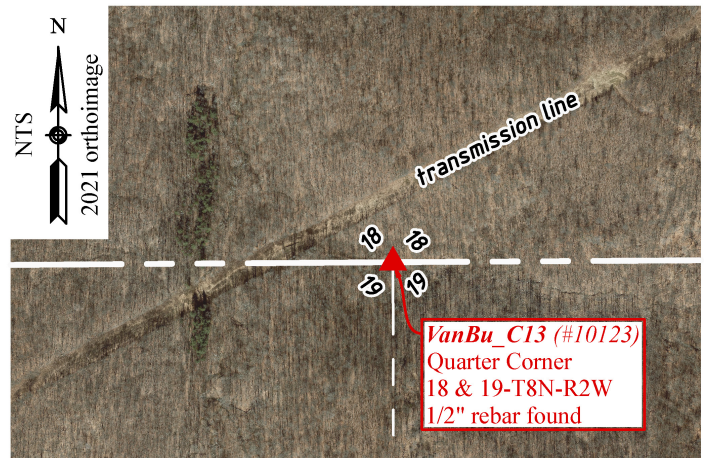
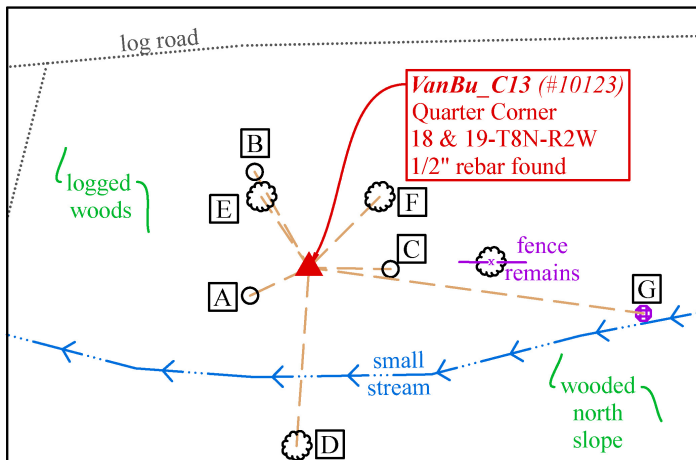
Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
1/2" rebar found 2" above grade on the west side of a steel t-post

GEODETIC COORDINATES: Northing: 1411442.93, Easting: 3068487.34

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 64°38'24" W	12.94'	Rebarlite with Monroe County cap set flush
B	N 29°34'22" W	21.83'	Rebarlite with Monroe County cap set flush
C	S 89°0'38" E	16.19'	Rebarlite with Monroe County cap set flush
D	S 4° W	35.4'	19" maple measured to point 12" above grade on the east side
E	N 34° W	16.9'	6" maple measured to point 12" above grade on the west side
F	N 45° E	19.8'	20" sugar maple measured 14" above grade on the west side (a magnetic signal was observed in the south root flair of the tree at N54°E 19.1 feet)
G	S 82° E	67.0	Steel t-post found

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and G were located with RTK. Distances to witness ties D, E, and F were measured with a 100-foot steel tape. Bearings to witness ties D, E, and F were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post with a Monroe County Survey Marker sign attached 2.4 feet above grade was found 0.13 feet east of the rebar.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

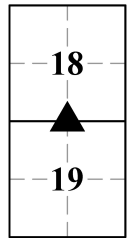
The rebar is in a level, heavily logged woods on the north side of a small stream. It's approximately 45 feet south of an east/west logging road and approximately 300 feet southeast of a transmission line cut. East/west fence remains were observed in a tree approximately 36 feet east of the rebar, and a line of t-posts extends easterly from the post noted as Witness Tie G above. No other evidence of possession was observed near the corner.

MONUMENT RECORD

Corner ID: VanBu_C13

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: Wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	4"	S 70° W	36 lks = 23.8'
Ash	4"	-	-

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 1862 By: James Woodburn, Dept. Surveyor

Where filed or recorded: LSB2, pg 73

Original monument: planted a rock

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	18"	N 12° E	29 lks = 19.1'
Walnut	60"	N 23° E	62 lks = 40.9'

No legal survey reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/29/1859 By: Buskirk

Where filed or recorded: LSB2, pg 20

Original monument: N. 1/2 mile stake old witnesses gone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	N 3° W	70 lks = 46.2'
Beech	36"	N 57° W	70 lks = 46.2'

No legal survey reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 3/15/1864 By: James Spencer

Where filed or recorded: LSB2, pg 87

Original monument: planted a stone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	15"	N 39° E	61.75 lks = 40.8'
Beech	40"	N 61° W	53 lks = 35.0'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W (IP set)	MCSO
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO
02/21/1983	Farkas, Edmund	Survey of 149.02 acres in Sec.19-8N-2W	2013015591

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Greene County Surveyors Woodburn and Spencer monumented this corner with stone in 1862 and 1864 respectively. The corner falls in a heavily timbered area and no trace was found of either stone or witnesses. Many large tree tops scattered around the immediate vicinity of the corner hindered our search efforts.

In 1974, Raymond Graham surveyed the surrounding sections for Robert Townsend. At that time, he monumented the northwest and northeast corners of Section 19 with cut limestones and calculated this corner at a distance of 2640 feet from the northeast corner of Section 19. On an undated and unsigned corner plat on file in the office of the Monroe County Surveyor depicting the exact dimensions as the Townsend survey, Mr. Graham indicated that he set an IP at this corner. The IP was not found during this survey.

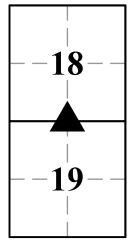
In 1983, Edmund Farkas surveyed the West half of the East half of Section 19. His survey plat does not detail the breakdown of Section 19. However, the 1/2" rebar found is within 0.1 feet east/west and 0.8 feet north/south of the proportionate location of the North 1/4 corner of Section 19 when established between the found limestone at the northeast corner (E13) and the found limestone at the northwest corner (A13). Ties to other monuments from the 1983 Farkas survey indicate that it was the origin of the 1/2" rebar, which we accepted as the best evidence of the corner.

MONUMENT RECORD

Corner ID: VanBu_C13

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, the stone set in 1862, or the stone set in 1864, their locations relative to the current monument are unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: Up to 27.2 feet east/west.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 1, 2024



Photo Orientation & Description: rebar found at C13



Photo Orientation & Description: Looking southeast at C13

FIELD PERSONNEL:

Field Date: 05/01/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/30

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

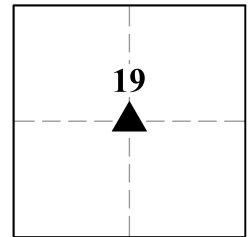
MONUMENT RECORD

Corner ID: VanBu_C15

Center 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

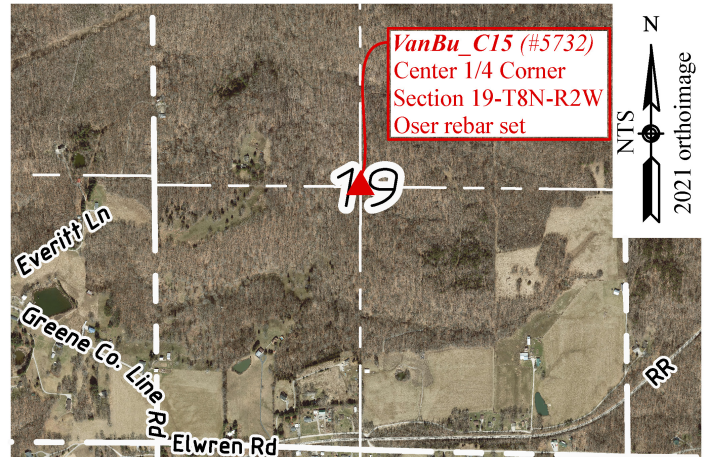
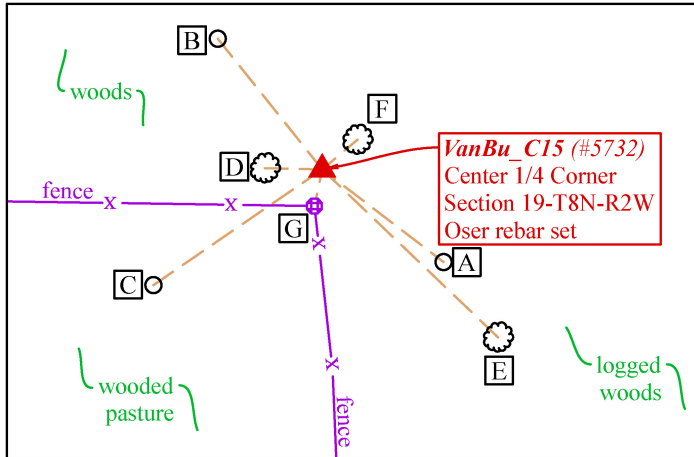


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS# 21100022" set 5" tall

GEODETIC COORDINATES: Northing: 1408855.48, Easting: 3068493.72

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 52°44'26" E	15.13'	Rebarlite with Monroe County cap set flush
B	N 38°43'0" W	16.57'	Rebarlite with Monroe County cap set flush
C	S 55°39'58" W	20.28'	Rebarlite with Monroe County cap set flush
D	N 89° W	5.7'	22" dbh white oak with east/west fence remains through its center
E	S 46° E	24.1'	8" dbh beech
F	N 50° E	4.6'	5" dbh maple
G	S 12° W	3.7'	8.5" treated wood corner post with barbed wire fence south and west

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2" mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, and C were located with RTK. Witness ties D, E, F, and G were collected radially with a conventional total station (Nikon Nivo) from points established by RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 6-foot-long aluminum u-post was set 0.3 feet east of the rebar with a Monroe County Survey Marker sign attached 4.75 feet tall facing west.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is in a wooded area ~3.7 feet north of a wood corner post with newer barbed wire fence heading west and south. It is in line with fence remains through the center of a 22" white oak to the west. To reach the corner, park at the end of Everitt Lane and walk east along a well-maintained fence line for approximately 2000 feet.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The original government surveyor did not establish the Center 1/4 of Section 19.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 03/15/1864 By: James Spencer

Where filed or recorded: MCSO LSB2, pg 87

Description: Legal Survey in Sec. 19-8N-2W (Surveyed the northwest quarter of Section 19 but did not describe or witness the monument)

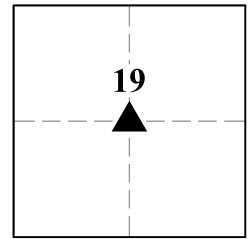
MONUMENT RECORD

Corner ID: VanBu_C15

Center 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO
10/15/1979	Utt, Lee	Survey of two tracts in the Northwest quarter of Section 19-8N-2W for Phil Jolly	Deckard Land Surveying
02/21/1983	Farkas, Ed	Survey of 149.02 acres in the East half of Section 19-8N-2W	MCR 2013015591

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1864, Monroe County Surveyor James Spencer "ran the northwest quarter" of Section 19, but we found no trace of a stone at this corner.

In 1974, Raymond Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. He set two pipes along the east line of the Northwest quarter of Section 19 but did not indicate a monument at the center of the section. The two pipes are shown as #10137 and #10139 on the Corner Perpetuation Survey for Section 19 associated with this Monument Record.

In 1979, Lee Utt set three pinch-top pipes along the south line of the Northwest quarter of Section 19. The three pipes are #10150, #10193, and #10195 on the Corner Perpetuation Survey for Section 19 associated with this Monument Record. Mr. Utt's survey plat does not extend as far east as the Southeast corner of the quarter. However, worksheets from his file note that the corner was in line with the current fence heading south and with fence remains found in the center of a 22" white oak tree heading west. His worksheets do not describe the corner, but we think he found a fence corner post. We searched for a stone or the remains of an old fence post at this location but found nothing.

The land to the southwest has been in the same family for many years. The current owner, Bill Buskirk, told us that he rebuilt half of the fence along the north line of the Southwest quarter of Section 19 with his father approximately 15 years ago. The Township Trustee built the other half of the fence at the Buskirks request. He said their practice was to replace corner posts in the same location but also mentioned that they usually built fences 6 to 10 inches inside the property line. Mr. Buskirk relied upon the pinch-top pipes as his north property line.

In 1983, Edmund Farkas established the north/south center line of Section 19. He monumented the North 1/4 Corner of Section 19 at the proportionate distance between the cut limestones at the Northwest and Northeast corners of the section. It's unclear what he held for the South 1/4 Corner, and he did not establish the Center 1/4 Corner. Fence remains heading north from Elwren Road are in line with the line he established, but we don't know if his survey or the fencing came first. The fencing is up to 12 feet east of line near the northeast corner of Lot 3 in Elwren Subdivision.

In 1999, Gary Cobb subdivided land in the Southwest quarter of Section 19, as shown on the Elwren Subdivision Final Plat recorded as Instrument Number 1999019385. The east line of the subdivision appears to follow the north/south center of section line, but the section line is not shown. We tied into several monuments from the subdivision and determined that Mr. Cobb likely held the north/south fence as the aliquot line.

We established the Center of Section 19 by extending the line from the pinch pipe found at #10150 through the pinch pipe found at #10195 for the distance shown on Mr. Utt's worksheets. The corner thus established is 2.56 feet north and 4.90 feet east of the intersection of opposite quarter corners, none of which are direct perpetuations of original or legal survey monuments. It is 3.7 feet north of the existing fence corner post.

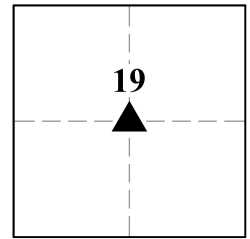
MONUMENT RECORD

Corner ID: VanBu_C15

Center 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 3.7 feet
- Discrepancies in the Documents: 43.9 feet.
- Inconsistencies in the lines of Occupation: 3.7 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: August 21, 2024



Photo Orientation & Description: C15 from above



Photo Orientation & Description: Looking west at C15 with 22" white oak with east/west fence remains visible in the background

FIELD PERSONNEL:

Field Date: 05/01/2024, 05/09/2024, and 08/21/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269

Field Book: OSM 7/31 and OSM 7/56

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:



Seal:

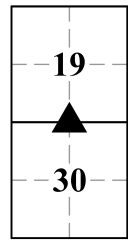
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_C17

Quarter Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

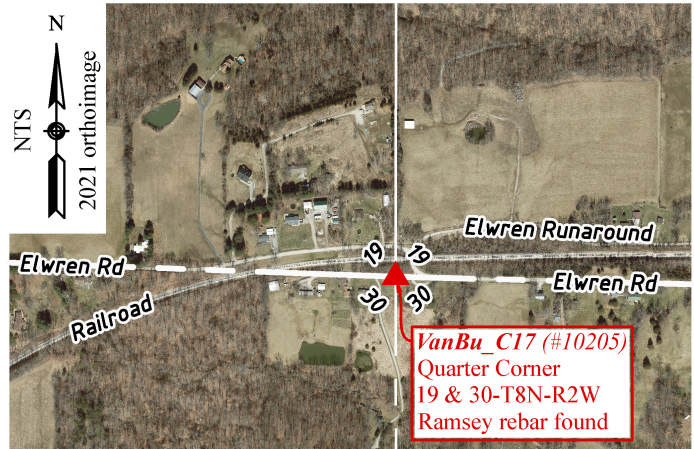
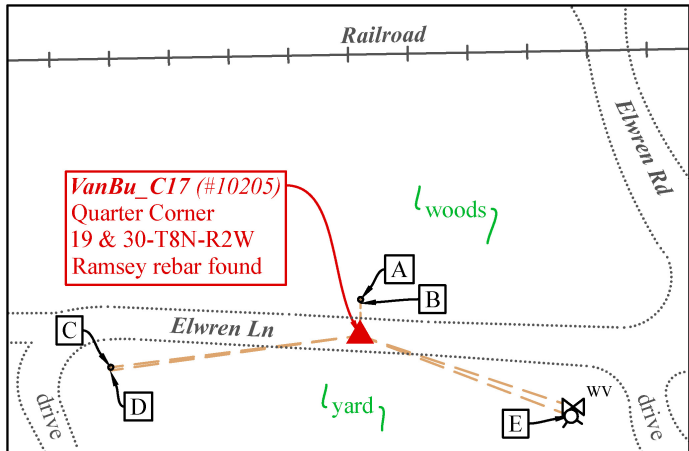


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY #S0374" found 4" below grade in the centerline of Elwren Lane, a 10-foot-wide gravel lane.

GEODETIC COORDINATES: Northing: 1406256.14, Easting: 3068490.30

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°55'23" E	10.92'	Rebarlite with Monroe County cap set flush on the north side of the ditch along the north side of Elwren Lane
B	N 0°16' W	9.74'	5-foot steel t-post set on the north side of Elwren Lane with a Monroe County Survey Marker sign attached 3.85 feet tall facing south
C	S 82°45'52" W	75.70'	Rebarlite with Monroe County cap set flush 1 foot north of the center of the UDWI utility pole #211-12 noted as Witness D below
D	S 82° W	76.0'	9" diameter UDWI utility pole #211-12
E	S 69° E	68.1'	Top bolt of fire hydrant
WV	S 71°30'0" E	67.69'	Cut X on the north rim of an 8" water valve

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set on the north side of Elwren Lane with a Monroe County Survey Marker sign attached 3.85 feet tall facing south.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

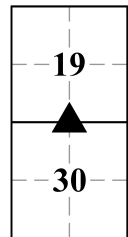
The rebar is in the centerline of a 10-foot-wide gravel lane approximately 85 feet west of the center of the drive entrance to the mobile home at 9545 W Elwren Road.

MONUMENT RECORD

Corner ID: VanBu_C17

Quarter Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B.Oak	30"	N 72° W	18 links
W.Oak	12"	N 35° E	14 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/09/1843	Spencer, J.W.	Legal Survey in Sec.30-8N-2W (<i>measured to this corner but did not describe or witness the monument</i>)	MCSO LSB1, pg 79
03/15/1864	Spencer, James	Legal Survey in Sec.19-8N-2W (<i>measured to the half-mile post</i>)	MCSO LSB2, pg 87
09/17/1999	Cobb, Gary	Elwren Subdivision in Sec.19-8N-2W (<i>this corner is the POC, but no monument is referenced</i>)	MCR 1999019385
06/28/2004	Graham, Charles D	Hammer Minor Subd. in Sec.30-8N-2W (<i>found rebar</i>)	MCR 2004013880
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W (<i>found Ramsey rebar</i>)	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1843, Monroe County Surveyor J.W. Spencer measured from this corner to the South 1/4 Corner of Section 30 and in 1864, Monroe County Surveyor James Spencer measured from this corner to the North 1/4 Corner of Section 19. Neither surveyor described or witnessed a monument and we have no legal survey record of the line being run between the Section corners to the east and west.

A 5/8" Ramsey rebar was found in the centerline of Elwren Lane, approximately in line with wire fence remains to the north located on the north side of Elwren Road, beginning approximately 225 feet north of the rebar. No survey of origin was found. We believe that Mr. Ramsey established the corner based on physical evidence. It is located 7.8 feet west and 12.1 feet south of the theoretical corner calculated proportionally between the railroad spike found at VanBu_E17 and the railroad spike found at VanBu_A17. We searched for a monument at the theoretical location, which falls in a wooded area bordered by Elwren Lane to the south and a railroad to the north, but nothing was found. The 1915 railroad right-of-way and track maps were consulted but do not depict a monument.

The Ramsey rebar was accepted by C.D. Graham in 2004 and Rachel Oser in 2020, and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 12.1 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_C17

Quarter Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

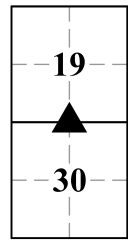


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 9, 2024



Photo Orientation & Description: Ramsey rebar at C17



Photo Orientation & Description: Looking west at C17

FIELD PERSONNEL:

Field Date: 05/09/2024 and 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/36

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

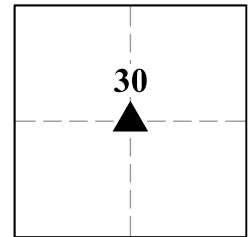
MONUMENT RECORD

Corner ID: VanBu_C19

Center 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

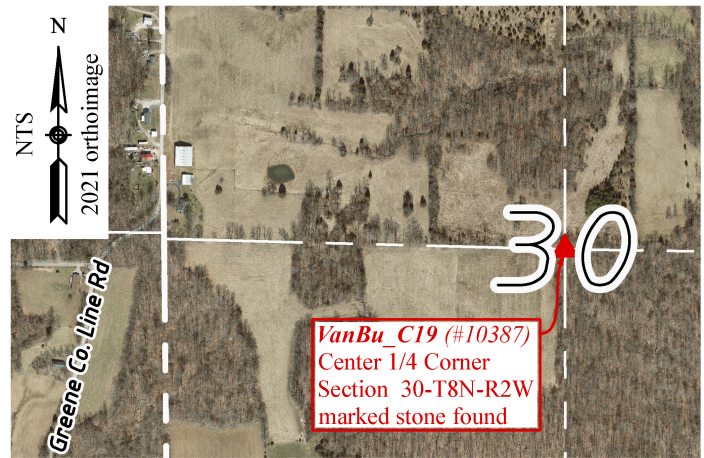
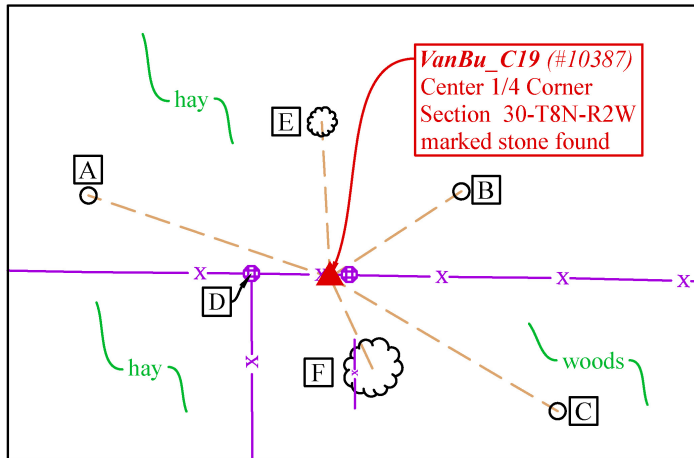


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 0.8' x 0.3' sandstone with a cut + was found 0.3 feet above grade in line with east/west barbed wire fence and 7.8 feet east of a railroad-rail fence corner post with fence to the west, south, and east.

GEODETIC COORDINATES: Northing: 1403596.73, Easting: 3068494.08

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 71°18'15" W	25.31'	Rebarlite with Monroe County cap set flush 7.6 feet north of east/west fence
B	N 56°50'44" E	15.58'	Rebarlite with Monroe County cap set flush 8.5 feet north of east/west fence
C	S 59°34'55" E	26.21'	Rebarlite with Monroe County cap set flush 13.2 feet south of east/west fence
D	N 87° W	7.85'	North side of railroad rail post in concrete measured at grade
E	N 3° W	15.4'	5" dbh sassafras measured 12" above grade on its west side
F	S 25° E	9.95'	52" oak with north/south fence remains found in its base measured 19" above grade on its west side

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and D were located with RTK. Distances to witness ties E and F were measured with a 100-foot steel tape. Bearings to witness ties E and F were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 6-foot aluminum U-post was set 0.7 feet south of the stone with a Monroe County Survey Marker sign attached 4 feet tall facing north. The stone is classified as sandstone based on its appearance and its lack of reaction to hydrochloric acid.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is at the corner of a wooded area to the southeast and hayfield to the southwest. On the north, it is bordered by a wooded strip that opens to a hayfield. From the house at 5181 S Greene County Line Road, travel east along the field edge for approximately 1900 feet to the corner.

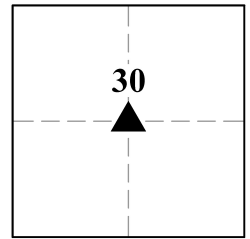
MONUMENT RECORD

Corner ID: VanBu_C19

Center 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The Center 1/4 of Section 30 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 9/9/1843 and 10/13/1842 By: J.W. Spencer

Where filed or recorded: LSB1, pg 79

Original monument: witness made at the center

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Black Ash	6"	N 48.5° E	36.5 lks = 24.1'
Black Ash	10"	S 79° E	48 lks = 31.7'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
8/28/2020	Oser, Rachel	Moran Boundary Survey in Section 30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office? No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor J.W. Spencer established this corner at the intersection of opposite quarter corners. The found stone is on the line between the rebar found at the North 1/4 Corner and the stone found at the South 1/4 Corner. It is 12 feet south of the line between the Harrison monument at the West 1/4 Corner and the magspike at the East 1/4 Corner. However, it is within half a foot of the north/south proportionate distance.

In 2020, we found the stone leaned over on its side under an east/west fence with the top slightly below grade and reset it in the hole where we found it. A railroad-rail fence post with fence to the west, south, and east is located 7.8 feet west of the stone, and north/south barbed wire fence remains were observed grown into the base of a 52" oak tree on the south side of the stone. We accepted the stone as the best evidence of the corner with 7.8 feet of east/west uncertainty.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 7.8 feet east/west.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 7.8 feet east/west.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 05/24/2024



Photo Orientation & Description: Stone at C19 from above



Photo Orientation & Description: Looking east at C19

MONUMENT RECORD

Corner ID: VanBu_C19

Center 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

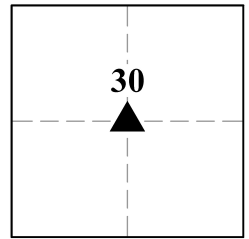


Photo Orientation & Description: Looking south at C19



Photo Orientation & Description: Looking west at C19

FIELD PERSONNEL:

Field Date: 05/24/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/47

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_C21

Quarter Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

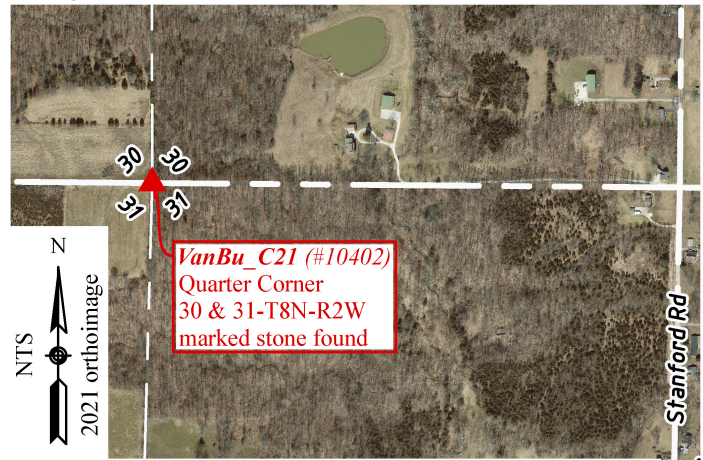
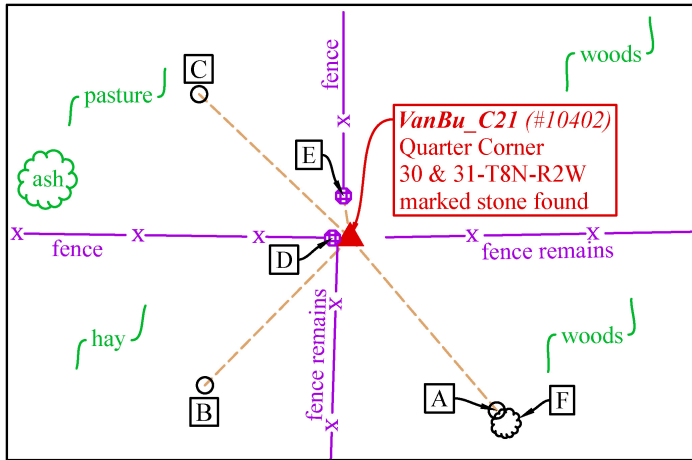


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 0.8' x 0.3' sandstone with a cut + on top was found 0.7 feet above grade at the east base of a wooden post with barbed wire fence to the north and west and wire fence remains to the east and south.

GEODETIC COORDINATES: Northing: 1400951.01, Easting: 3068497.86

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 40°29'38" E	11.21'	Rebarlite with Monroe County cap set flush at northwest base of dogwood at "F"
B	S 44°42'19" W	10.25'	Rebarlite with Monroe County cap set flush
C	N 46°31'20" W	10.33'	Rebarlite with Monroe County cap set flush
D	S 89° W	0.9'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the north side of a 6" wood post with a Monroe County sign found 5 feet above grade facing north, barbed wire fence to the west, and wire fence remains to the south
E	N 9° W	2.1'	2" mag nail and 1-1/2" orange plastic disc set 7" above grade on the east side of a 6" x6" wood post with barbed wire and wood fence heading north
F	S 40° E	12.0'	5" dogwood measured at a point on the northeast side 11" above grade

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, and C were located with RTK. Distances to witness ties D, E, and F were measured with a 100-foot steel tape. Bearings to witness ties D, E, and F were collected with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.82 feet east of the stone with a Monroe County Survey Marker sign attached 3.8 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is on a relatively level field edge at the intersection of fence and/or fence remains in four directions. It is noted hereon as sandstone because it did not react to hydrochloric acid. Witness Tie D above correlates with Witness Tie B from the 2008 Monument Record. A 52" dbh dead ash (no nail) was found and verified at Witness Tie D from the 2008 Monument Record.

MONUMENT RECORD

Corner ID: VanBu_C21

Quarter Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P322

Original monument: Wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Hickory	12"	S 76° E	29 links
Dogwood	6"	S 53° W	12 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 09/09/1843 By: Spener, J.W.

Where filed or recorded: LSB1, pg 79

Original monument: Measured to this corner but did not describe or witness the monument.

Bearing Trees or Reference Monuments: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey	MCR 2011007526 MCR 2011007528
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/20/2022	Borgman, Todd	JLR Type E Administrative Subdivision in Section 31	MCR 2022002218

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the stone is unknown. Monroe County Surveyor J.W. Spencer measured to this corner in 1843, but he did not take any new witnesses or indicate the type of monument present at that time. The stone was accepted by Eric Deckard in 2006, the Monroe County Surveyor Review Board in 2008, and has consistently been accepted by subsequent surveyors. We accepted the stone as the best evidence of the corner with no associated uncertainty.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_C21

Quarter Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

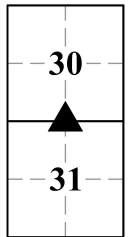


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 28, 2024



Photo Orientation & Description: Stone at C21 from above



Photo Orientation & Description: Looking east at C21

FIELD PERSONNEL:

Field Date: 05/28/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/49

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:



Seal:

This document is not complete without the associated plat and report of even date.

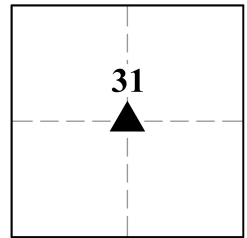
MONUMENT RECORD

Corner ID: VanBu_C23

Center 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

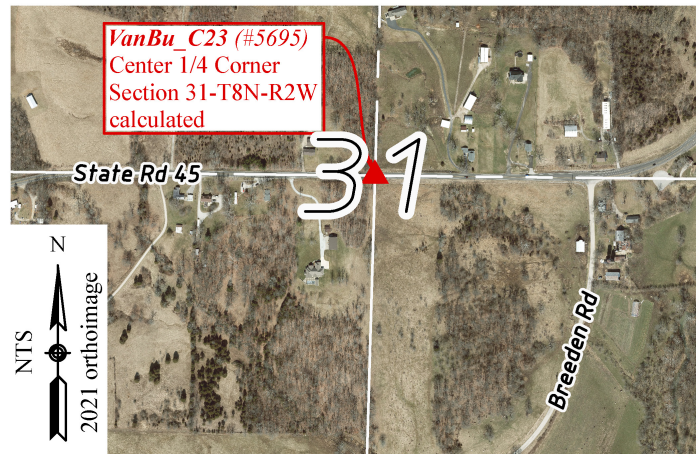
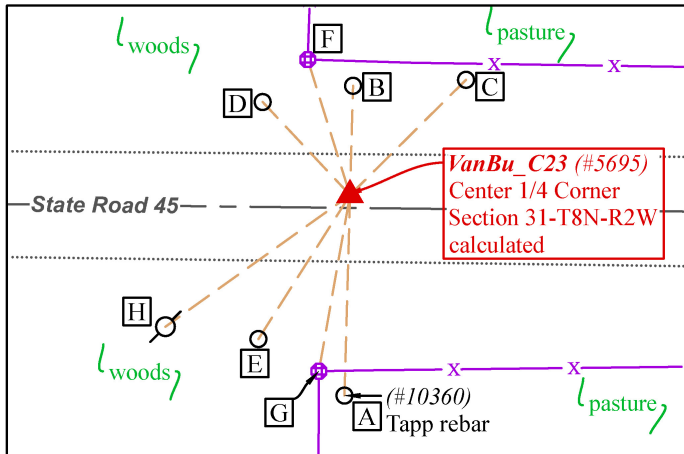
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
Calculated corner. No monument was found or set.

GEODETIC COORDINATES: Northing: 1398337.89, Easting: 3068425.14

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 1°35'38" W	50.09'	5/8" rebar with yellow plastic cap stamped "TAPP 80900014" found 0.3 feet below grade (#10360)
B	N 1°35'38" E	27.29'	Rebarlite with Monroe County cap set flush on line and 6.2 feet south of an east/west smooth wire fence
C	N 45°11'46" E	40.83'	Rebarlite with Monroe County cap set flush 3.9 feet south of east/west smooth wire fence
D	N 43°12'38" W	31.86'	Rebarlite with Monroe County cap set flush on the north side of a riprap ditch 13 feet north of the north edge of asphalt of State Road 45
E	S 32°28'25" W	42.62'	Rebarlite with Monroe County cap set flush on the south top of bank
F	N 17° W	35.4'	Southwest side of 6" wooden corner post with smooth wire fence north and east
G	S 10° W	44.7'	Northwest side of 6.5" wooden corner post with smooth wire fence south and east
H	S 54° W	56.6'	10" utility pole UDWI #142249

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with an orange plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
This corner is not monumented.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The calculated position for this corner is 3 feet north of the centerline of State Road 45. The corner is 7.75 feet east of a fence heading south and 10.5 feet east of a fence heading north.

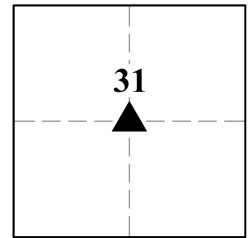
MONUMENT RECORD

Corner ID: VanBu_C23

Center 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The Center 1/4 of Section 31 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 6/18/1858 By: James Woodburn, Deputy

Where filed or recorded: LSB2, pg 16

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	18"	S 21° W	67 lks = 44.2'
B.Gum	16"	S 49° E	14 lks = 9.2'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec.C (<i>corner not shown</i>)	INDOT
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W (<i>calculated at the intersection of opposite quarter corners</i>)	MCR 2006020052
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31 (<i>calculated at the intersection of opposite quarter corners</i>)	MCR 2011008370
06/06/2011	Compton, Randolph L.	SR 45 & Breeden road Location Route Control Survey (<i>calculated per Tapp rebar at Witness A</i>)	MCR 2011007526 MCR 2011007528
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Sec. 31 (<i>calculated</i>)	MCR 2018002164
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Sec. 31 (<i>calculated</i>)	MCR 2021009153
01/20/2022	Borgman, Todd	JLR Type E in Sec. 31 (<i>calculated</i>)	MCR 2022002218

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Deputy Monroe County Surveyor James Woodburn established this corner in 1858. The corner falls in State Road 45. We did not search for a stone and no trace was found of Woodburn's witnesses. The 1929 INDOT plans for State Road 45 indicate that the highway was built over an existing east/west gravel road but do not depict a stone. In 2006, Eric Deckard calculated this corner at the intersection of the same opposite quarter corners accepted on this survey. In 2011, Philip Tapp used the same methodology. Tapp's 2011 survey shows that the rebar at #10360 (Witness A) was set on line between the stone at VanBu_C21 and the drill steel at VanBu_C25. However, we found the rebar 1.1 feet east of that line. In 2011, Randolph Compton held the Tapp rebar to calculate the north/south center of section line.

We tied into surveys by Eric Deckard and Todd Borgman from 2021 and 2022 respectively, and it appears that they both accepted Compton's calculated location for this corner. Deckard and Borgman monumented the north/south center of section line in the North half of Section 31, and Tapp monumented it in the South half of the section. Due to the reliance on the Tapp rebar for monumenting the line, we also accepted it to establish the north/south center of section line by common report. We calculated this corner at the intersection of the line between the stone found at VanBu_A23 and the pipe found at VanBu_E23 with the line between the stone found at VanBu_C21 and the Tapp rebar found at #10360. The corner thus established is S 89°24'53" E 1.09 feet from the intersection of opposite quarter corners. We did not monument the corner due to safety concerns, but we set a witness monument online (noted as Witness B above).

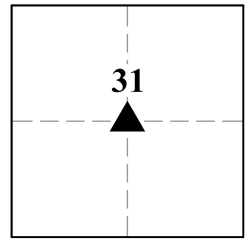
MONUMENT RECORD

Corner ID: VanBu_C23

Center 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the monument set in 1858, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 1.1 feet.
- Inconsistencies in the lines of Occupation: The calculated corner is 3 feet north of the centerline of State Road 45.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

FIELD PERSONNEL:

Field Date: 05/13/2024 and 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/44

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

A handwritten signature in black ink that reads "Rachel Oser".



Seal:

This document is not complete without the associated plat and report of even date.

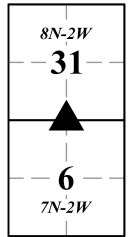
MONUMENT RECORD

Corner ID: VanBu_C25

South 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

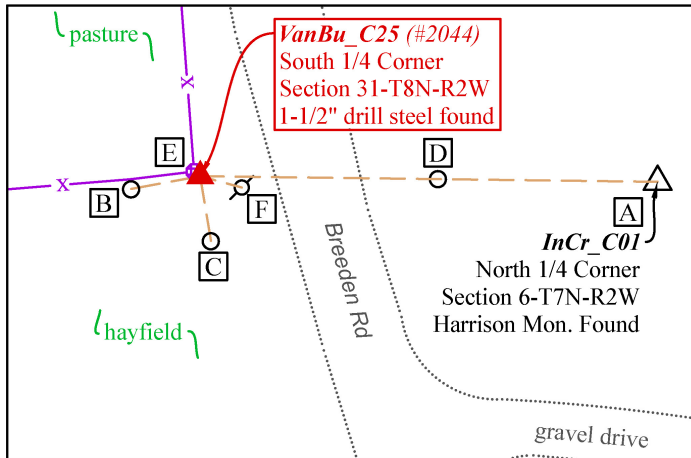


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 1-5/8" drill steel was found 1" below grade and 2 feet southeast of an 8" x 7" fiberglass "I" post with fence to the north and west.

GEODETIC COORDINATES: Northing: 1395745.17, Easting: 3068350.82

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 89°17'53" E	113.61'	InCr_C01 – North 1/4 Corner of Section 6-T7N-R2W 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top found 3" above grade in an 8" concrete base
B	S 79°34'55" W	17.41'	Rebarlite with Monroe County cap set flush 2.65 feet south of fence
C	S 9°30'34" E	16.23'	Rebarlite with Monroe County cap set flush
D	S 89°23'56" E	59.09'	1/2" rebar with yellow plastic cap stamped "RAMSEY ..." found flush per the 2008 Monroe County Monument Record
E	N 53° W	2.0'	Southeast corner of 8" x 7" fiberglass "I" shaped corner post with smooth wire fence north and west
F	S 75° E	10.7'	11.5" diameter utility pole UDWI #142200

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.25 feet west of the monument with a Monroe County Survey Marker sign attached 3.85 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is at the west toe of the slope of Breeden Road, approximately 2 feet southeast of a fence corner.

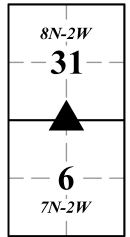
MONUMENT RECORD

Corner ID: VanBu_C25

South 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Alexander Holmes

Where filed or recorded: F_EV02P294

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	14"	S 76° W	13 links
Walnut	8"	N 55° E	20 links

No original reference monuments recovered.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
08/05/1993	Ramsey, Stephen	Preliminary plat of 3 tracts on S Breeden Road	MCSO RSID002509
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W	MCSO RSID001727
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey	MCR 2011007526
06/21/2011	Badger, Matthew	Boundary of Cornwell site in Sec. 6 & 7-T7N-R2W	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/Section 4/Segment 7	MCR 2011010190
12/02/2015	Ballard, Dustin	Bridge No. 93 Route Survey in Sections 31 and 32	MCR 2015017121
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Sec.31-8N-2W	MCR 2018002164
09/20/2023	Oser, Rachel	Monroe County Perpetuation	MCR 2023011759

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the monument is unknown. It was accepted by Stephen Ramsey in 1993 and has consistently been accepted by subsequent surveyors. We accepted the drill steel as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_C25

South 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

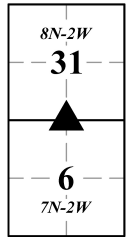


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.



Photo Orientation & Description: C25 from above



Photo Orientation & Description: Looking west at C25

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/43

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

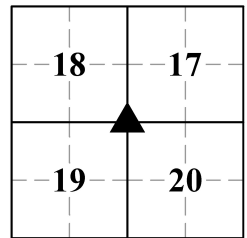
MONUMENT RECORD

Corner ID: VanBu_E13

Section Corner

Sections 17, 18, 19 & 20 – T08N – R02W, 2nd P.M.

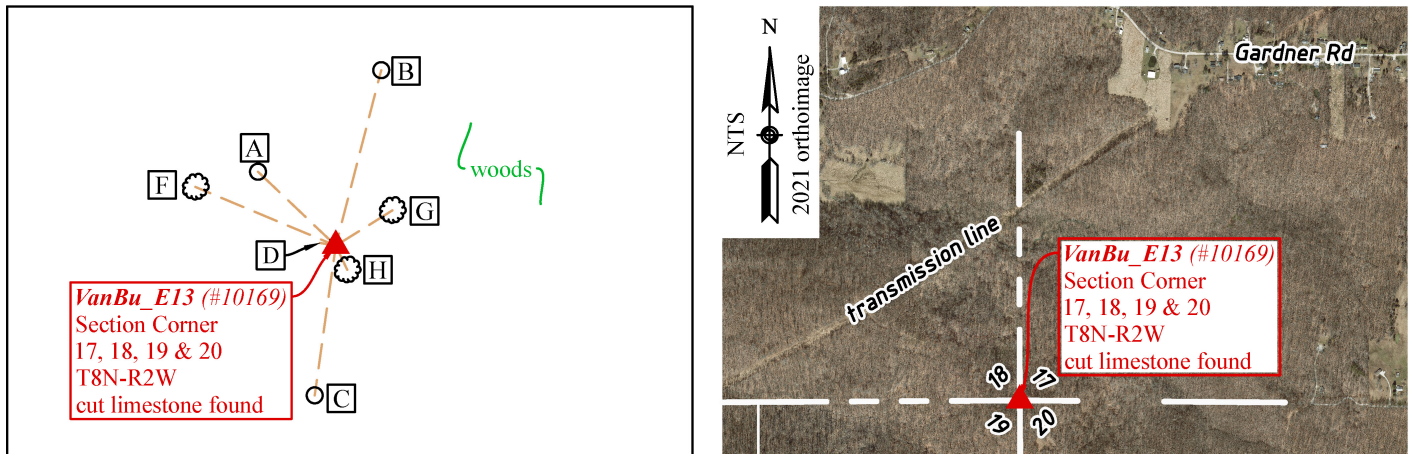
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
4" x 4" limestone with chiseled "+" on top found 11" above grade, solidly planted, and leaning slightly east.

GEODETIC COORDINATES: Northing: 1411459.34, Easting: 3071100.05

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 46°30'32" W	16.08'	Rebarlite with Monroe County cap set flush
B	N 14°32'47" E	27.13'	Rebarlite with Monroe County cap set flush
C	S 08°02'10" W	22.62'	Rebarlite with Monroe County cap set flush
D	N 80° W	2.4'	Monroe County Survey Marker sign attached 3.8 feet above grade to steel U-post
E	N 44° W	1.2'	Steel t-post (not depicted above)
F	N 67° W	22.8'	Magnetic signal observed 12" above grade on the southwest side of 14.5" dbh maple
G	N 58° E	10.0'	Magnetic signal observed 15" above grade on the north side of 23" dbh shagbark hickory
H	S 25° E	4.0'	Magnetic signal observed 8" above grade on the east side of a 24" dbh pignut hickory

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, and C were located with RTK. Distances to witness ties D, E, F, G, and H were measured with a 100-foot steel tape. Bearings to witness ties D, E, F, G, and H were collected with RTK and verified with the internal magnetic compass of the Javad Triumph LS.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
A Monroe County Survey Marker sign in poor condition was found attached to the U-post at Witness Tie D. A new sign was bolted to the post 3.8 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

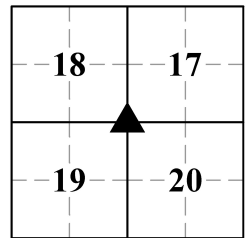
The stone is on a wooded, gentle north slope approximately 300 feet north of a distinct east/west logging road with no evidence of possession observed in the immediate vicinity. It is noted hereon as limestone due to its appearance and reactivity to hydrochloric acid.

MONUMENT RECORD

Corner ID: VanBu_E13

Section Corner

Sections 17, 18, 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P318

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	18"	S 25° W	12 lks = 7.9'
Poplar	4"	N 27° E	17 lks = 11.2'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 03/17/1854 By: James Woodburn, Dept.

Where filed or recorded: LSB1, pg 267

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W. Walnut	4"	N 75° E	38 lks = 25.1'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W (<i>stone set</i>)	MCSO
11/29/1859	Buskirk	Legal Survey in Sec.19-8N-2W (<i>Measured to this corner, but did not describe or witness the monument</i>)	MCSO LSB2, pg 20
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (<i>origin of cut limestone</i>)	MCSO
01/14/1993	Steele, William Mac	Survey for Risk in Sec. 17, 18, & 20-8N-2W (<i>0.3' x 0.35' x 1.1' high stone found</i>)	MCR 00310597
10/01/2005	Zimmer, James	141.61-acre survey for Land of Indiana in Sec.20-8N-2W (<i>4" x 4" limestone found</i>)	MCR 2005019992

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was accepted by Monroe County Surveyors Edmund Farkas and Michael Friley on March 22, 1983, and March 27, 1995, respectively.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Surveyor Raymond Graham in 1974 and witnessed by Monroe County Surveyor Edmund Farkas in 1983. The stone has consistently been accepted by subsequent surveyors and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E13

Section Corner

Sections 17, 18, 19 & 20 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

18	17
19	20

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 2, 2024



Photo Orientation & Description: Limestone at E13



Photo Orientation & Description: Looking west at E13

FIELD PERSONNEL:

Field Date: 05/02/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/34

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:

Rachel Oser



Seal:

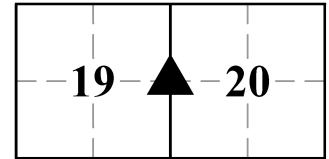
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E15

Quarter Corner

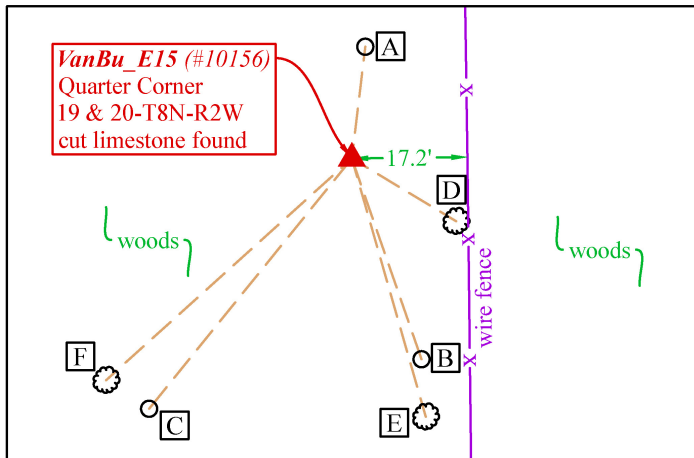
Sections 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
4" x 4" cut limestone with chiseled "+" on top found 7" tall.

GEODETIC COORDINATES: Northing: 1408825.95, Easting: 3071116.09

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 6°52'38" E	16.70'	Rebarlite with Monroe County cap set flush
B	S 19°10'31" E	31.56'	Rebarlite with Monroe County cap set flush
C	S 39°3'51" W	47.86'	Rebarlite with Monroe County cap set flush
D	S 59° E	18.1'	Monroe County Survey Marker sign found 4.2 feet tall (measured to lower nail) on the southwest side of a 23" dbh black gum
E	S 16° E	39.9'	28" dbh tulip poplar measured to a point on the west side 1.6 feet above grade
F	S 48° W	49.2'	24" dbh double black gum (diameter is of the larger trunk) measured to a point on the southeast side 2 feet above grade
G	S 0°39'32" E	275.23'	5/8" rebar with yellow cap stamped "GRAHAM PC S000014" found flush 17.3 feet west of a north/south fence (not depicted above)
H	N 1°32'49" E	381.13'	3/8" rebar found flush next to a t-post 1.3 feet east of a north/south fence (not depicted above)

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, G, & H were located with RTK. Distances to witness ties D, E, & F were measured with a 100-foot steel tape. Bearings to witness ties D, E, & F were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.55 feet west of the stone with a Monroe County Survey Marker sign attached 3.2 feet above grade facing east. Witness Tie D is the same tree noted as Witness Tie C on the 2006 Monument Record. Witness Ties B and D from the 2006 Monument Record were not found.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

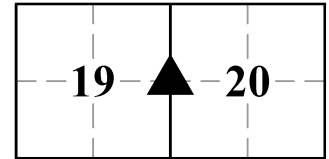
The stone is on the west side of a north/south dirt path 17.2 feet west of a north/south fence. The stone is noted hereon as limestone due to its appearance and reactivity to hydrochloric acid.

MONUMENT RECORD

Corner ID: VanBu_E15

Quarter Corner

Sections 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P318

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	5"	S 35° W	9 links
W. Walnut	8"	N 43°E	21 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/29/1859 By: James Woodburn, Deputy

Where filed or recorded: LSB2, pg 20

Original monument: Measured to this corner, but did not describe or witness the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W (<i>stone set</i>)	MCSO
12/06/1973	Pinnick, C.M.	Survey of 140.92 acres in Sec.20-8N-2W	MCA
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (<i>origin of cut limestone</i>)	MCSO
06/13/1997	Bledsoe, Ben	Land of Indiana in 19, 20, & 29-8N-2W (<i>stone found</i>)	MCR 00801638
05/01/2001	Graham, Raymond	Cardwell 3 Tract Type E in 19 & 20-8N-2W (<i>stone found</i>)	MCA
03/27/2003	Bledsoe, Ben	Legal Survey for Guerrettaz in S20-8N-2W (<i>stone found</i>)	MCR 2003009330
10/01/2005	Zimmer, James	Survey for Land of Indiana in Sec.20-8N-2W (<i>stone found</i>)	MCR 2005019992
04/17/2019	Deckard, Eric	Cardwell Type E Final Plat Amendment one (<i>stone found</i>)	MCR 2019006267

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on October 24, 2006.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Surveyor Raymond Graham in 1974 and has consistently been accepted by subsequent surveyors. We accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 17.2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E15

Quarter Corner

Sections 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

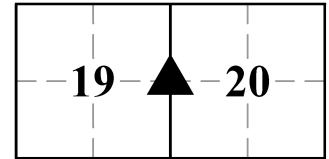


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 2, 2024



Photo Orientation & Description: Stone at E15 from above



Photo Orientation & Description: Looking south at E15
(north/south fence in tree line on left side of photo)

FIELD PERSONNEL:

Field Date: 05/02/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/33

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

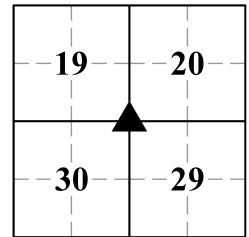
MONUMENT RECORD

Corner ID: VanBu_E17

Section Corner

Sections 19, 20, 29 & 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

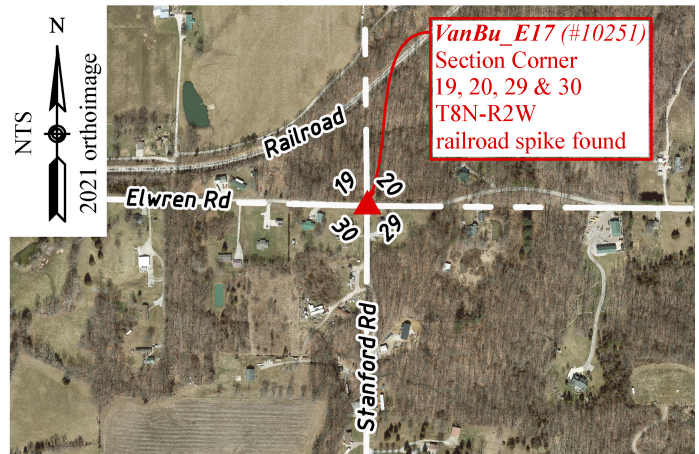
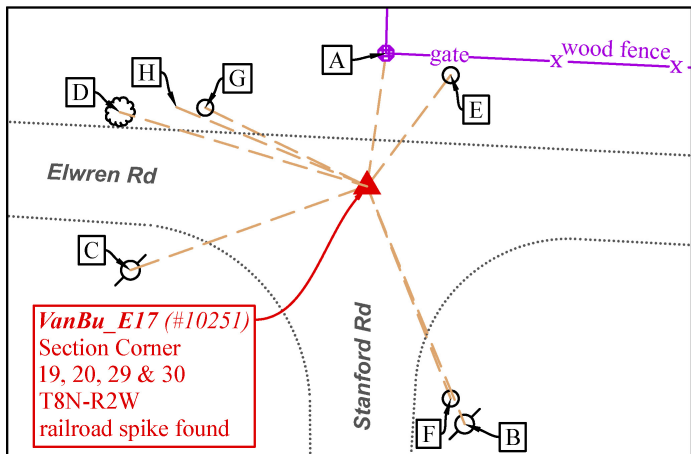


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A railroad spike was found 3" below grade in the approximate centerline/centerline intersection of Elwren Road and Stanford Road.

GEODETIC COORDINATES: Northing: 1406187.99, Easting: 3071145.62

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 8° E	26.8'	Southwest corner of a 6" diameter wooden corner post with wood fence heading north and east and a Monroe County Survey Marker sign nailed 4.3 feet above grade on the south side of a 6" wide facing board on the south side of the post
B	S 22° E	51.3'	Center of 8" utility pole with drop "UDWI 142411" (nail from 2004 monument record not found)
C	S 70.5° W	50.2'	Center of 8" utility pole (nail from 2004 monument record not found)
D	N 73° W	51.6'	South side of rotten stump of 20" tree depicted on the 2004 monument record
E	N 37°00'08" E	27.80'	Rebarlite with Monroe County cap set flush 4 feet south of the center of a farm gate
F	S 21°31'47" E	45.59'	Rebarlite with Monroe County cap set flush 7.75 feet east of Stanford Road
G	N 64°08'55" W	35.98'	Rebarlite with Monroe County cap set flush 4.7 feet north of Elwren Road
H	N 67.5° W	41.3'	Northwest corner of 2-1/4" x 2-1/4" galvanized sign post with Low Clearance sign

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

At Witness Tie A, a Monroe County Survey Marker sign was set facing the railroad spike 4.3 feet above grade on the south side of the wooden fence.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

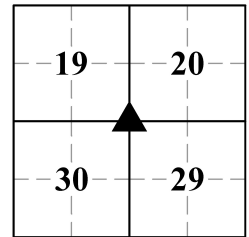
The railroad spike is in the approximate centerline/centerline intersection of Elwren Road and Stanford Road, which are 20-foot-wide asphalt roads. All witness ties from the 2004 Monument Record were found and verified.

MONUMENT RECORD

Corner ID: VanBu_E17

Section Corner

Sections 19, 20, 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P317

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	20"	S 50° E	14 lks = 9.2'
Gum	18"	N 68° W	17 lks = 11.2'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/29/1859 By: James Woodburn, Dept.

Where filed or recorded: LSB2, pg 20

Original monument: Not noted

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	25"	S 56° E	34 lks = 22.4'
R.Oak	10"	N 22° W	93 lks = 61.4'

No legal survey reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 4/4/1873 By: H. Henley

Where filed or recorded: LSB2, pg 218

Original monument: "found the roots of one old witness tree, the old corner had been perpetuated in Nov.1859"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	—	S 52° E	33 lks = 21.8'
R.Oak	16"	N 17° W	95 lks = 62.7'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W	MCSO
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO
04/16/1981	Farkas, Edmund	5 acres in Section 30-8N-2W	MCSO
11/30/1995	Archer, Steven	Survey for Starnes in Sec.30-8N-2W	MCSO
06/13/1997	Bledsoe, Ben	Survey for Land of Indiana in Sec. 19, 20, & 29-8N-2W	MCR 00801638
02/26/1999	Utt, Lee	Survey for Harris in Sec.30-8N-2W	MCR 00906020
04/24/2000	Graham, Raymond	Blake Minor Subdivision in Sec.30-8N-2W	MCR 2000009453
05/01/2001	Graham, Raymond	Cardwell 3 Tract Type E in Sections 19 & 20-8N-2W	MCA
03/27/2003	Bledsoe, Ben	Legal Survey for Guerrettaz in Sec.20-8N-2W	MCR 2003009330
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W	MCR 2003035601
10/01/2005	Zimmer, James	141.61-acre survey for Land of Indiana in Sec.20-8N-2W	MCR 2005019992
10/03/2017	Tapp, Philip	Stanford Road Boundary 0.45-acre survey	MCR 2018004489
02/08/2019	Deckard, Eric	Van Arman/Elwren Type E Admin. Subdivision	MCR 2019007483
04/17/2019	Deckard, Eric	Cardwell Type E Final Plat Amendment One	MCR 2019006267
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd.	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. Monroe County Surveyor Steven Farkas accepted the monument on September 29, 2004.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the railroad spike is unknown. It was found and accepted by Monroe County Surveyor Raymond Graham in 1974 and has consistently been accepted by subsequent surveyors. We accepted the railroad spike as the corner by common report.

MONUMENT RECORD

Corner ID: VanBu_E17

Section Corner

Sections 19, 20, 29 & 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

19	20
30	29

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photo Date: May 13, 2024



Photo Orientation & Description: E17 from above



Photo Orientation & Description: Looking south at E17

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/39

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

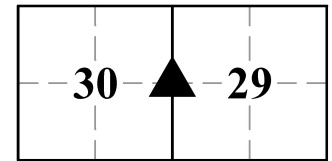
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E19

Quarter Corner

Sections 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

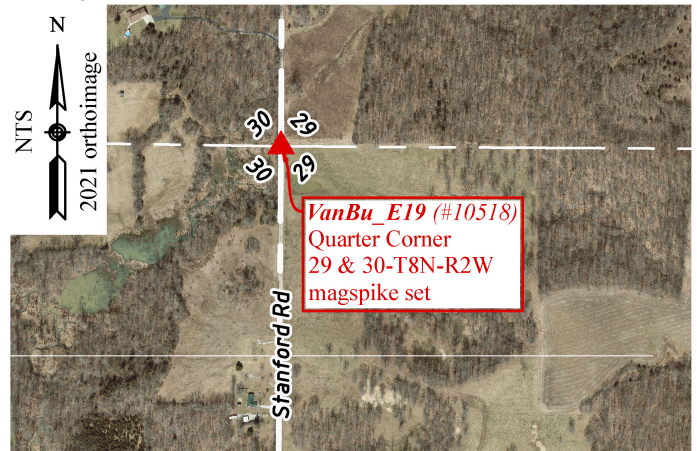
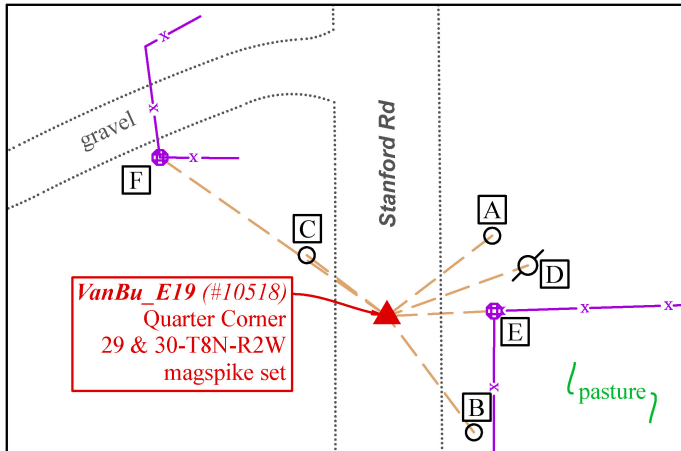


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

6" long mag spike in a 1-1/2" diameter aluminum disc stamped "OSER IN PS#21100022" set slightly recessed in the centerline of Stanford Road.

GEODETIC COORDINATES: Northing: 1403555.80, Easting: 3071138.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 52°37'35" E	19.99'	Rebarlite with Monroe County cap set flush 7.5 feet east of Stanford Rd
B	S 36°48'5" E	21.91'	Rebarlite with Monroe County cap set flush 2.9 feet west of the center of 5" split wood post and 5 feet east of Stanford Road
C	N 52°45'59" W	15.19'	Rebarlite with Monroe County cap set flush 4.3 feet west of Stanford Rd
D	N 70° E	22.6'	Center of 10" utility pole "UDWI 142376" with Monroe County Survey Marker sign found on west side 4 feet tall
E	N 87° E	16.2'	Center of 8" wooden corner post with fence south and east
F	N 55° W	41.8'	South side of 7" wooden post for farm gate

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A small hole was chiseled in the centerline of Stanford Road, and the magspike was set in the hole to protect it from snowplow damage. A Monroe County Survey sign was found 4 feet tall on the utility pole at Witness D.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

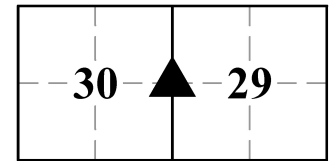
The corner is in the approximate centerline of Stanford Road, a 16-foot-wide asphalt county road. It is approximately in line with a wire fence heading east and ~38 feet south of a gravel field entrance.

MONUMENT RECORD

Corner ID: VanBu_E19

Quarter Corner

Sections 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P317

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	10"	S 73° W	10 lks = 6.6'
Ironwood	4"	N 14° W	15 lks = 9.9'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 4/4/1873 By: H. Henley

Where filed or recorded: LSB2, pg 218

Original monument: "established equidistant"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sycamore	8"	N 79° E	51.5 lks = 34.0'
W.Oak	28"	N 87° W	217 lks = 143.2'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
10/10/1977	Brunnemer, Robert	Survey of 87.17 acres in Sec.29-8N-2W	MCA
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd.	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1873, Monroe County Surveyor H. Henley reestablished the corner at the midpoint between the Section corners to the north and south. There is no further record of this corner until it was reestablished by Brunnemer in 1977 at the intersection of the centerline of Stanford Road with a fence to the east. In 1997 and again in 2005, the Monroe County Surveyor's Office found and witnessed a pk nail per the Brunnemer survey, but the Monument Record was never officially accepted by the Monroe County Surveyor Review Board. The pk nail was gone in 2020 when we surveyed the property to the west. At that time, we used ties to several other found monuments from the 1977 Brunnemer survey to reset the mag spike with one foot of uncertainty in our ties to the Brunnemer survey. The corner thus established agrees with the remaining witnesses taken by the Monroe County Surveyor in 2005 and is approximately in line with a wire fence heading east. It is 10 feet south and 6.7 feet east of the midpoint between the Northeast and Southeast corners of Section 30. The mag spike we set in 2020 was gone when we revisited the corner in 2024. We reset it in the same position, this time slightly recessed in the asphalt to protect it from snowplows.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 10 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E19

Quarter Corner

Sections 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

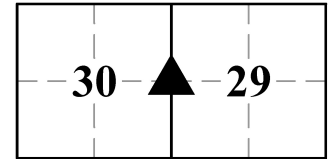


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 29, 2024



Photo Orientation & Description: Magspike at E19 from above



Photo Orientation & Description: Looking east at E19

FIELD PERSONNEL:

Field Date: 05/13/2024 and 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/40

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

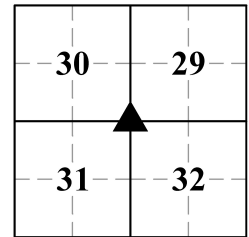
MONUMENT RECORD

Corner ID: VanBu_E21

Section Corner

Sections 29, 30, 31 & 32 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

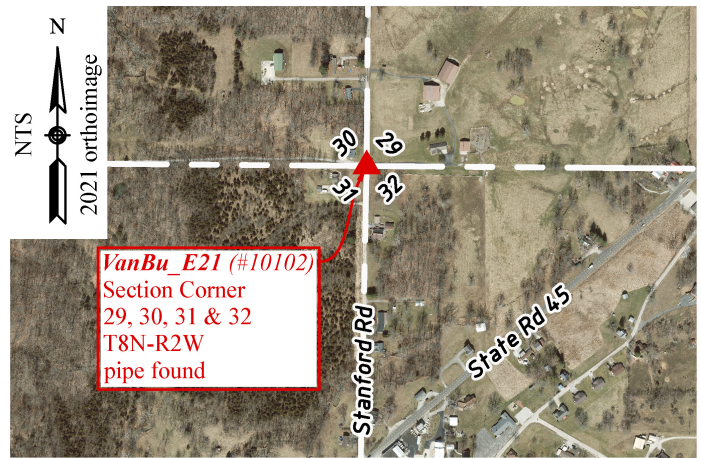
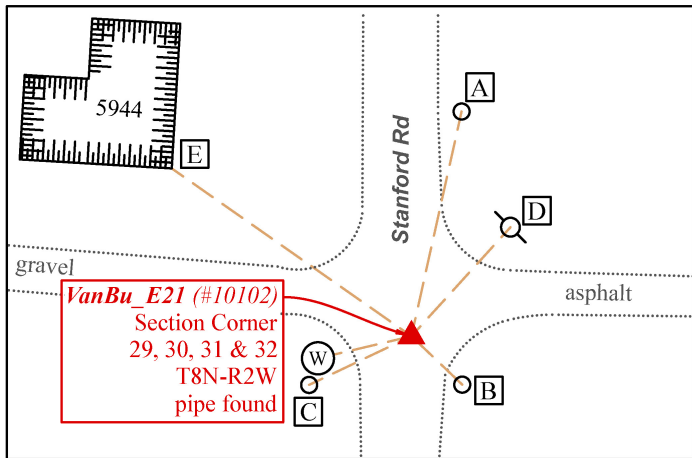


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 1-1/2" o.d. iron pipe was found 0.2 feet below grade approximately 3.1 feet east of the centerline of Stanford Road. The pipe is solid in the ground and leaning slightly south.

GEODETIC COORDINATES: Northing: 1400928.89, Easting: 3071117.73

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 12°38'0" E	57.20'	Rebarlite with Monroe County cap set flush
B	S 46°29'58" E	17.47'	Rebarlite with Monroe County cap set flush
C	S 64°38'53" W	28.25'	Rebarlite with Monroe County cap set flush
D	N 42° E	36.7'	8" utility pole with drop UDWI #142350 with a Monroe County Survey Marker sign found 6 feet above grade on the southwest side of the pole, and a PK nail found 3" above grade on the northwest side (dimensions to pole center)
E	N 55° W	72.9'	Southeast corner limestone foundation of the house at 5944 S Stanford Rd
W	S 77° W	24.0'	Center of 12" water meter cover

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and W were located with RTK. Witness ties D and E were located by offsets from points located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was found 6 feet above grade on the southwest side of the pole described above as Witness Monument Tie D.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The pipe is approximately 3.1 feet east of the as-built centerline of Stanford Road, 9 feet south of the extended centerline of a gravel driveway to the west, and 11.4 feet south of the extended centerline of an asphalt driveway to the east. Witness ties D and E were also depicted on the 1996 Monument Record. The fence corner depicted on the 1996 Monument Record is gone.

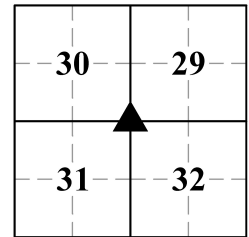
MONUMENT RECORD

Corner ID: VanBu_E21

Section Corner

Sections 29, 30, 31 & 32 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P316

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	40"	N 23° W	28 lks = 18.5'
Beech	10"	S 67° E	24 lks = 15.8'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 4/4/1873 By: H. Henley

Where filed or recorded: LSB2, pg 218

Original monument: "found the corner and old witness trees"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	50"	N 21° W	25 lks = 16.5' (old wit.)
B.Oak	6"	S 53° E	107 lks = 70.6' (new wit.)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/03/1990	Utt, Lee	Survey for Crohn in Sec.29-8N-2W	MCR 1990010652
01/15/1994	Ramsey, Stephen	Survey for Turner in Sec.32-8N-2W	MCR 00503294
04/17/2003	Utt, Lee	Harrington and Grubb survey in Sec.32-8N-2W	MCR 2003035602
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W	MCR 2003035601
04/22/2008	Tapp, Philip	Stanford Rd Bdry in Sec.32-8N-2W	MCR 2008007545
06/18/2009	Guerrettaz, Bernard	Boundary Survey in Section 32	MCR 2009010427
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
06/06/2011	Compton, Randolph	SR 45 & Breeden road Location Route Control Survey	MCR 2011007526 MCR 2011007528
01/26/2016	Deckard, Eric	Survey for Bellamy in Sec.32-8N-2W	MCR 2016008240
10/19/2016	Deckard, Eric	Bellamy/Carmichael Survey in Sec.32-8N-2W	MCR 2017004631
10/03/2017	Tapp, Philip	Stanford Road Boundary	MCR 2018004489
05/03/2018	Deckard, Eric	Harrington/Combs - Type E Admin. Subd.	MCR 2018006334
11/12/2019	Porter, Christopher	Plat of Survey - Retracement Boundary lots 31 & 32	MCR 2022007704
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd.	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/18/2024	Deckard, Eric	Rodman Survey in Sec.32-8N-2W	MCR 2024002144

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. Monroe County Surveyor Michael W. Friley witnessed the monument on June 10, 1996.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the iron pipe is unknown. It first appeared in the survey record in 1990, when it was found and accepted by Lee Utt. The pipe has consistently been accepted by subsequent surveyors and we held it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 3.1 feet east of the centerline of Stanford Road.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E21

Section Corner

Sections 29, 30, 31 & 32 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

30	29
31	32

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 13, 2024



Photo Orientation & Description: Pipe at E21 from above



Photo Orientation & Description: Looking west at E21

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/41

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:

Rachel Oser



Seal:

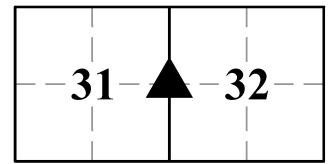
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E23

Quarter Corner

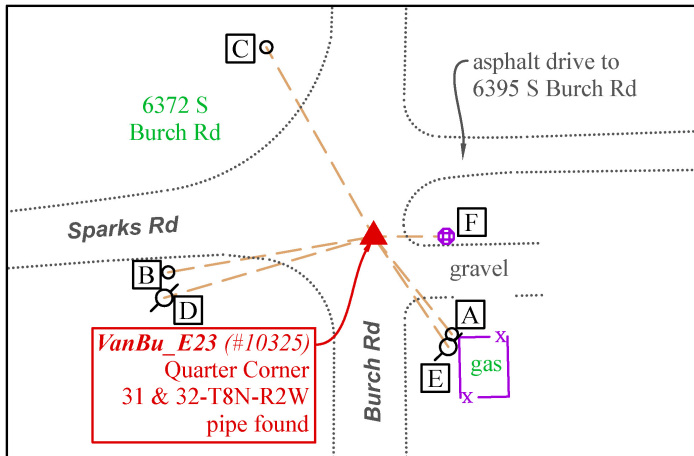
Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
A 1-1/2" iron pipe was found 6" below grade and 1.8 feet east of the centerline of Burch Road.

GEODETIC COORDINATES: Northing: 1398310.92, Easting: 3071064.76

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 38°37'19" E	31.11'	Rebarlite with Monroe County cap set flush 1.97 feet west of the west face of the galvanized corner post of a chain link fence
B	S 80°5'17" W	51.75'	Rebarlite with Monroe County cap set flush 3.6 feet south of the south edge of asphalt of W. Sparks Road
C	N 29°27'11" W	54.14'	Rebarlite with Monroe County cap set flush 6.3 feet east of 7" utility pole UDWI #142063
D	S 74° W	54.1'	Mag nail found 0.6 feet above grade on the north side of 10" utility pole UDWI #142062
E	S 34° E	33.1'	Mag nail found 0.6 feet above grade on the west side of 11" utility pole "BAC"
F	N 90° E	18.0'	Center of a 5.5" wooden post with a Monroe County Surveyor sign found 4.3 feet above grade on the west side

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was found 4.3 feet above grade on the west side of the post at Witness F.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is 1.8 feet east of the centerline of Burch Road and approximately in line with a treeline heading east.

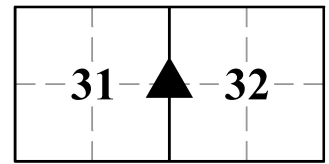
Witness ties D, E, and F correlate to Witness Ties D, C, and B from the 2008 Monument Record.

MONUMENT RECORD

Corner ID: VanBu_E23

Quarter Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P316

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Hickory	10"	S 27° W	7 links
Gum	18"	N 17° E	10 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 06/18/1858 By: Woodburn, James

Where filed or recorded: LSB2, pg 16

Original monument: Measured to this corner, but did not describe or witness the monument

Bearing Trees or Reference Monuments: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec. C (<i>corner not shown</i>)	INDOT
06/21/1989	Bledsoe, Ben	Hinds Road Survey on Sec.32-8N-2W	MCR 1990004496
01/15/1994	Ramsey, Stephen	Survey for Turner in Sec.32-8N-2W (<i>found pipe</i>)	MCR 00503294
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
09/19/2007	Wilson, Ben H.	Conder Subdivision in Section 32	MCSO RSID004783
05/15/2008	Tapp, Philip	Conder Minor Subdivision in Section 32	MCR 2008008449
02/17/2009	Tapp, Philip	Conder Administrative Subdivision	MCR 2009005821
06/18/2009	Guerrettaz, Bernard	Boundary Survey in Section 32	MCR 2009010427
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey	MCR 2011007526 MCR 2011007528
12/02/2015	Ballard, Dustin K.	Bridge No. 93 Route Survey in Sections 31 and 32	MCR 2015017121
01/26/2016	Deckard, Eric	Survey for Bellamy in Sec.32-8N-2W	MCR 2016008240
10/19/2016	Deckard, Eric	Bellamy/Carmichael Survey in Sec.32-8N-2W	MCR 2017004631
09/07/2017	Ramsey, Stephen	D & D Type E in Section 31	MCR 2018002164
05/03/2018	Deckard, Eric	Harrington/Combs - Type E Admin. Subd.	MCR 2018006334
11/12/2019	Porter, Christopher	Retracement Boundary Survey Lots 31 & 32	MCR 2022007704
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/18/2024	Deckard, Eric	Rodman Survey in Section 32-8N-2W	MCR 2024002144

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the iron pipe is unknown. It first appeared in the survey record in 1994, when it was found by Stephen Ramsey. Subsequent surveyors have consistently accepted the pipe and we held it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: The monument is 1.8 feet east of the centerline of Burch Road.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E23

Quarter Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

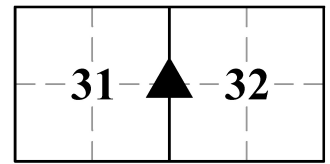


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 05/13/2024



Photo Orientation & Description: Looking east at E23



Photo Orientation & Description: Looking south at E23

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/42

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:



Seal:

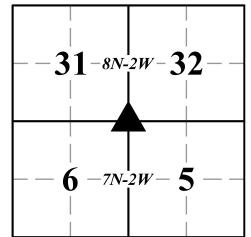
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E25

Section Corner

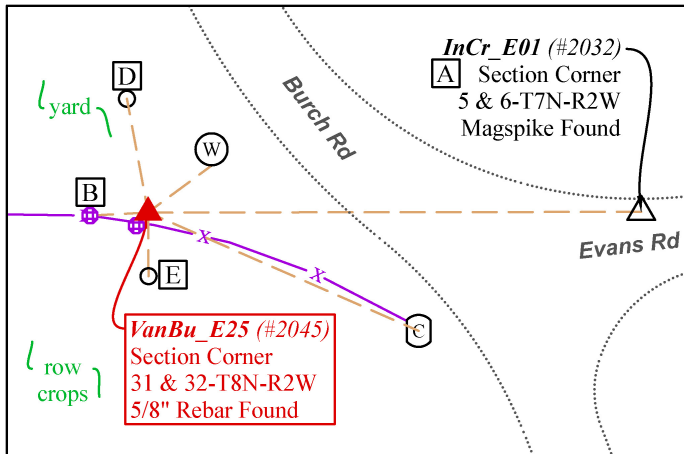
Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with no cap found flush 4.2 feet north of east/west fence remains

GEODETIC COORDINATES: Northing: 1395714.69, Easting: 3070990.26

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 89°54'55" E	123.16'	InCr_E01 – Section Corner common to Sections 5 & 6-T7N-R2W (#2032) 4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" found 0.3 feet below grade
B	S 87° W	14.5'	mag nail found 0.4' above grade on the north side of an 8" wooden fence post
C	S 66° E	73.8'	Back (southwest side) of a phone riser
D	N 10°31'51" W	28.90'	Rebarlite with Monroe County cap set flush
E	S 0°24'27" E	15.94'	Rebarlite with Monroe County cap set flush on the north edge of row crops
F	S 42° W	4.4'	Monroe County Survey Marker sign found 3.2 feet above grade on the north side of a 5" wooden fence post (measured to base of post)
W	N 53°31'45" E	19.81'	Cut X on south rim of 8" diameter water meter

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.3 feet south of the rebar with a Monroe County Survey Marker sign attached 3.4 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

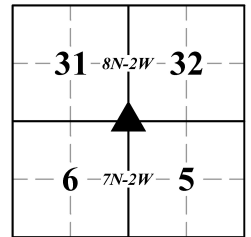
The rebar is on the south side of the wooded front yard of 6776 S Burch Road.

MONUMENT RECORD

Corner ID: VanBu_E25

Section Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Alexander Holmes

Where filed or recorded: F_EV02P294

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	16"	N 49° E	23 links
Beech	16"	S 49° W	23 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/19/2007	Wilson, Ben H.	Conder Subdivision in Section 32 (<i>origin of rebar</i>)	MCSO RSID004783
05/15/2008	Tapp, Philip	Conder Minor Subdivision in Section 32	MCR 2008008449
02/17/2009	Tapp, Philip	Conder Administrative Subdivision	MCR 2009005821
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W	MCSO RSID001727
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden road Location Route Control Survey	MCR 2011007526 MCR 2011007528
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7	MCR 2011010190 GCRO 2011-2897
08/27/2012	Tapp, Philip	Dallas & Janet Conder Type A in Section 31	MCR 2012015149
03/15/2013	Tapp, Philip	Conder Type E in Section 32	MCR 2013004800
12/02/2015	Ballard, Dustin	Bridge No. 93 Route Survey in Sections 31 and 32	MCR 2015017121
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Section 31	MCR 2018002164
09/20/2023	Oser, Rachel	Monroe County Perpetuation	MCR 2023011759

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The rebar was set by Ben Wilson in 2007 (MCSO RSID004783) using physical evidence of existing county roads. Philip Tapp accepted the rebar in 2008 (MCR 2008008449), and subsequent surveyors have consistently accepted it. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 4.2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E25

Section Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

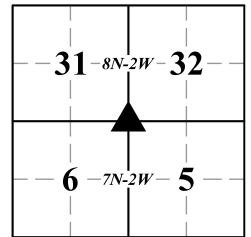


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 28, 2024



Photo Orientation & Description: Looking south at E25



Photo Orientation & Description: Looking east at E25

FIELD PERSONNEL:

Field Date: 05/28/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/50

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

Apr 4. 1858. Surveyed for John Keith and Wm Lucas in Sec. 2 T. 8 N. R. 1 W. and established the N.W. cor of the East $\frac{1}{2}$ of N.E. qr.

Joseph Pennington ch the
Lad & Hall Sur

Met trees Elm 20. N 77 W. 61.6
Hornbeam 8. S 12 W. 63.

Apr 8. Established in Sec 6. T. 8. N. 1. R. for Mr Sherwood.

- | | | | |
|---|-----------|--------------|------------|
| 1. N.E. cor of Section | Met trees | Red Oak 12. | Post 16.6 |
| | | Hick 6. | N 40 E 20. |
| 2. S.E. of N.E. of N.E. qr. | " | Red Oak 10 | S 42 E 10. |
| | | Red Oak 12 | N 55 W 45. |
| 3. S.E. of N.E. qr | " | B. Walnut 8. | S 85 W 22 |
| | | Red Elm 6. | N 38 E 43. |
| 4. S.E. of W. $\frac{1}{2}$ of N.W. qr. | " | Beech 10 | N 70 W 21. |
| | | Sug 10 | S 72 E 18. |
| 5. S.W. of N.W. qr. | " | Beech 20. | S 61 W 39 |
| | | Lynm 10 | E. 19. |

James Ellis ch the
John Johnson Sur

James W Spenser M.C. Sur
by James Woodburn Deft.

June 18 1858. Surveyed in Sec 31. T. 8 N. R. 2 W. and established the following corners, for Whaley Carpenter, Bender &c.

- | | |
|---|-----------------------------------|
| 1. a corner 85 poles W. of East $\frac{1}{2}$ m. stake. | Met Beech 10. S 50 W. 44.6 |
| | Sug 14. S 7 E 67 $\frac{1}{2}$. |
| 2. Cor in center of Sec. | Beech 18. S 21 W 67. |
| 3. The West $\frac{1}{2}$ m. stake. | B. Gum 16. S 49 E 14. |
| | B. Walnut 8. N 33 W. 58 |
| | Beech 40. N 35 E 44 $\frac{1}{2}$ |

Jacob Carpenter ch the
G H Gilman Sur

J. W. Spenser M.C. Sur
by James Woodburn Deft.

Sec 14. T. 8. N. 1. E.



Elyah Robinson ch the
Lewis Young Sur

June 26. 1858. Surveyed in Sec. 17. T. 9 N. R. 1 E. and established the following corners for Dr Rose

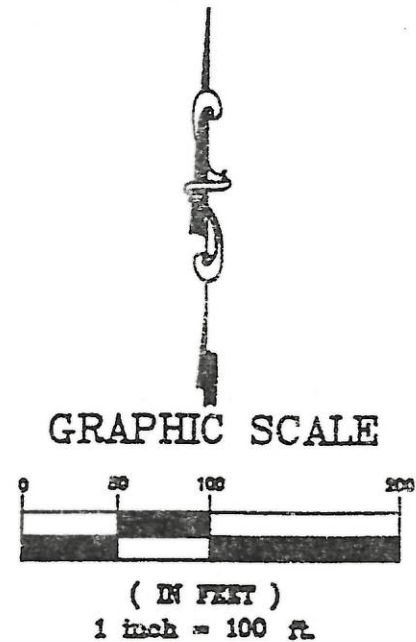
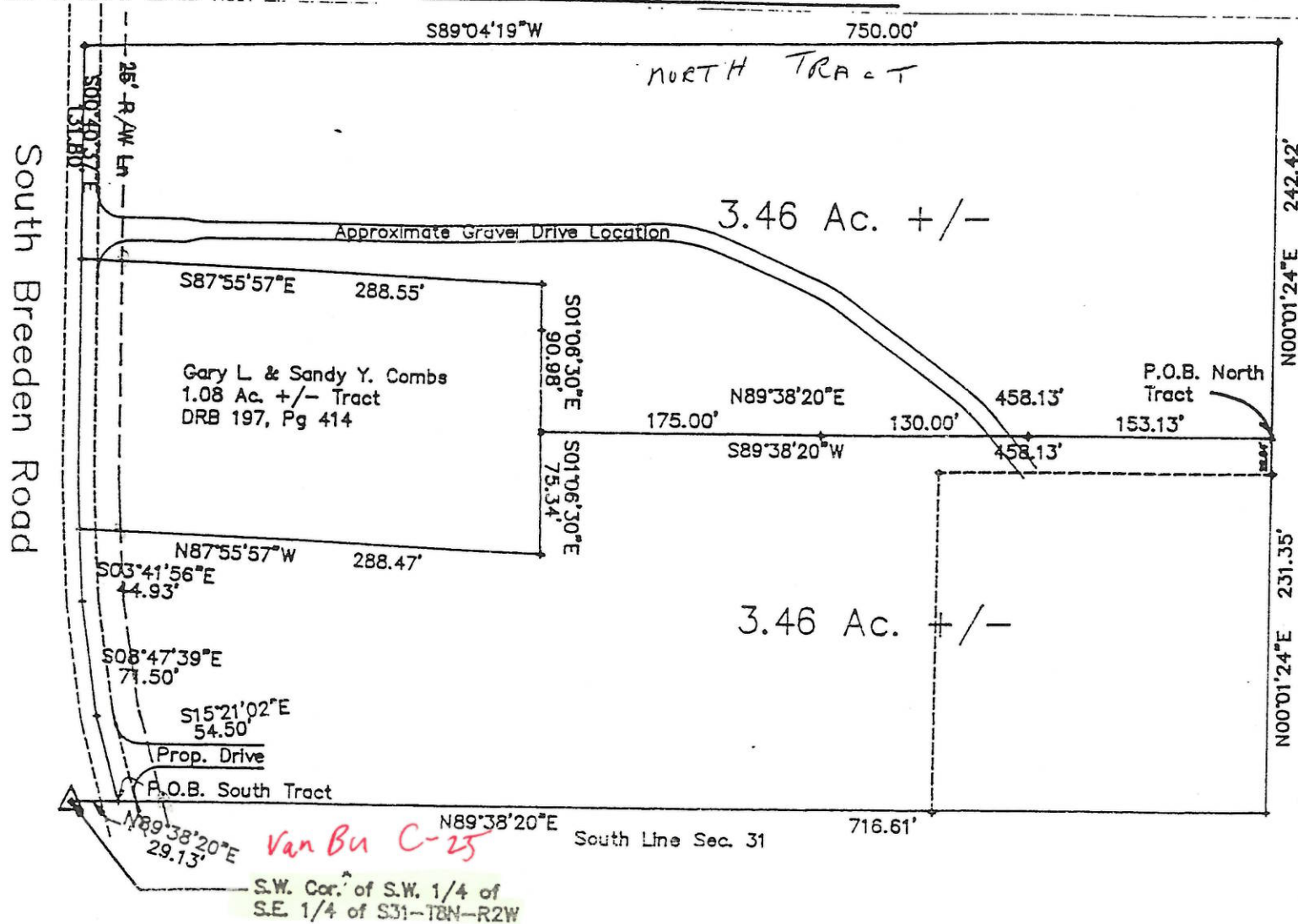
- | | |
|----------------------------|-------------------------------------|
| Cor A on Ind. Bound. line, | Pop. 36. S 30 W. 44.6 |
| | Hick 20. N 65 W. 54 $\frac{1}{2}$. |
| " B " " " | B. Oak. N 69 W 35. |
| | W. Oak. S 6 W 50 $\frac{1}{2}$. |
| " C center Sec. | Beech 20. S 17 W. 18. |
| | Beech 18. N 38 E 45 $\frac{1}{2}$. |
| | Beech 18. N 20 W. 29. |
| | Sug 18. S 7 W. 28. |

D

J. W. Spenser M.C. Sur
by J. Woodburn Deft.

V B 31

PRELIMINARY
PLAT OF DESCRIPTIONS

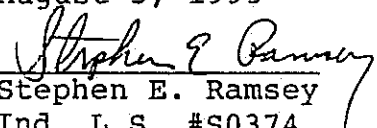


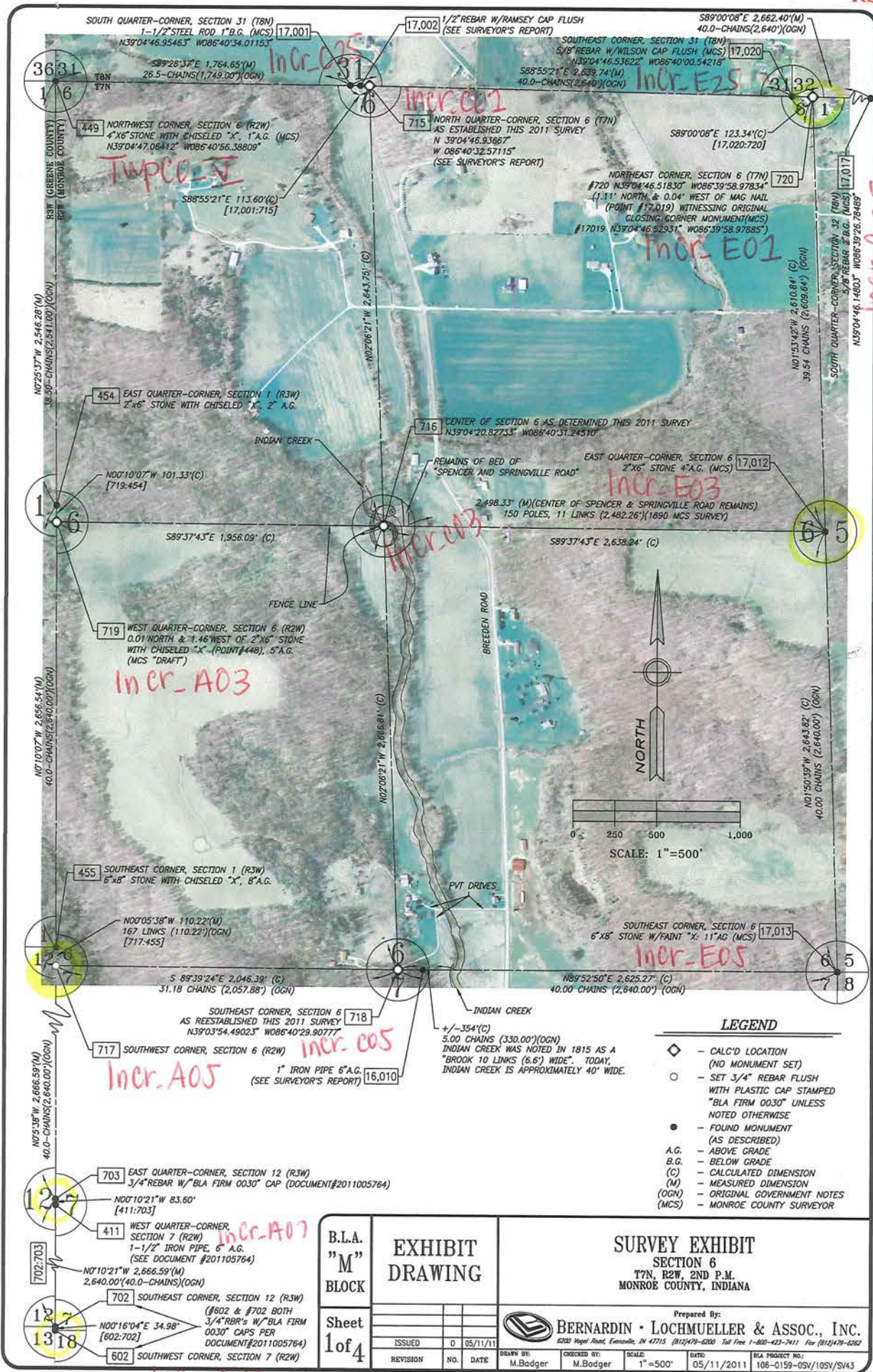
North 11-11-11
Description of North 3.46 Ac.:

Part of the south half of the southwest quarter of the southeast quarter of Section 31, Township 8 North, Range 2 West, Monroe county, Indiana, described as follows:
Commence at the southwest corner of the southwest quarter of the southeast quarter of said Section 31;
thence North 89 degrees 38 minutes 20 seconds East 29.13 feet along the south line of said quarter quarter to a railroad spike at the centerline of Breeden Road;
thence North 89 degrees 38 minutes 20 seconds East 716.61 feet along the south line of said quarter quarter to a 1/2 inch diameter rebar;
thence North 00 degrees 01 minutes 24 seconds East 231.35 feet to a set 5/8 inch diameter rebar with cap, said point being the point of beginning of herein described parcel;
thence North 00 degrees 01 minutes 24 seconds East 242.42 feet to a found rebar with cap;
thence South 89 degrees 04 minutes 19 seconds West 750.00 feet to a PK nail found at the centerline of Breeden Road;
thence South 00 degrees 40 minutes 37 seconds East 131.80 feet along said centerline to a found PK nail marking the northwest corner of a 1.08 acre tract of Gary and Sandy Combs, as recorded in Deed Record Book 197, page 414, in the Office of the Recorder of Monroe County, Indiana;
thence South 87 degrees 55 minutes 57 seconds East 288.55 feet along the north line and to a found iron pipe marking the northeast corner of said 1.08 acre tract;
thence South 01 degrees 06 minutes 30 seconds East 90.98 feet along the east line of said 1.08 acre tract to a set 5/8 inch diameter rebar and cap;
thence North 89 degrees 38 minutes 20 seconds East 458.13 feet to the point of beginning, containing 3.46 acres more or less.
Subject to an ingress egress easement from Breeden Road to the 3.46 acre tract lying south of this parcel, said easement being 10 feet each side of the centerline of present graveled drive.
Also subject to the right of way of Breeden Road and all other legal easements and rights of way.

Dated: August 5, 1993

Signed:


Stephen E. Ramsey
Ind. L.S. #S0374



B.L.A. "M" BLOCK

EXHIBIT DRAWING

Sheet 1 of 4

ISSUED 05/11/11

REVISION NO. DATE

DESIGN BY: M.Badger

CHECKED BY: M.Badger

SCALE: 1" = 500'

DATE: 05/11/2011

BLA PROJECT NO.: 106-0159-05V/10SV/SV3

SURVEY EXHIBIT

SECTION 6

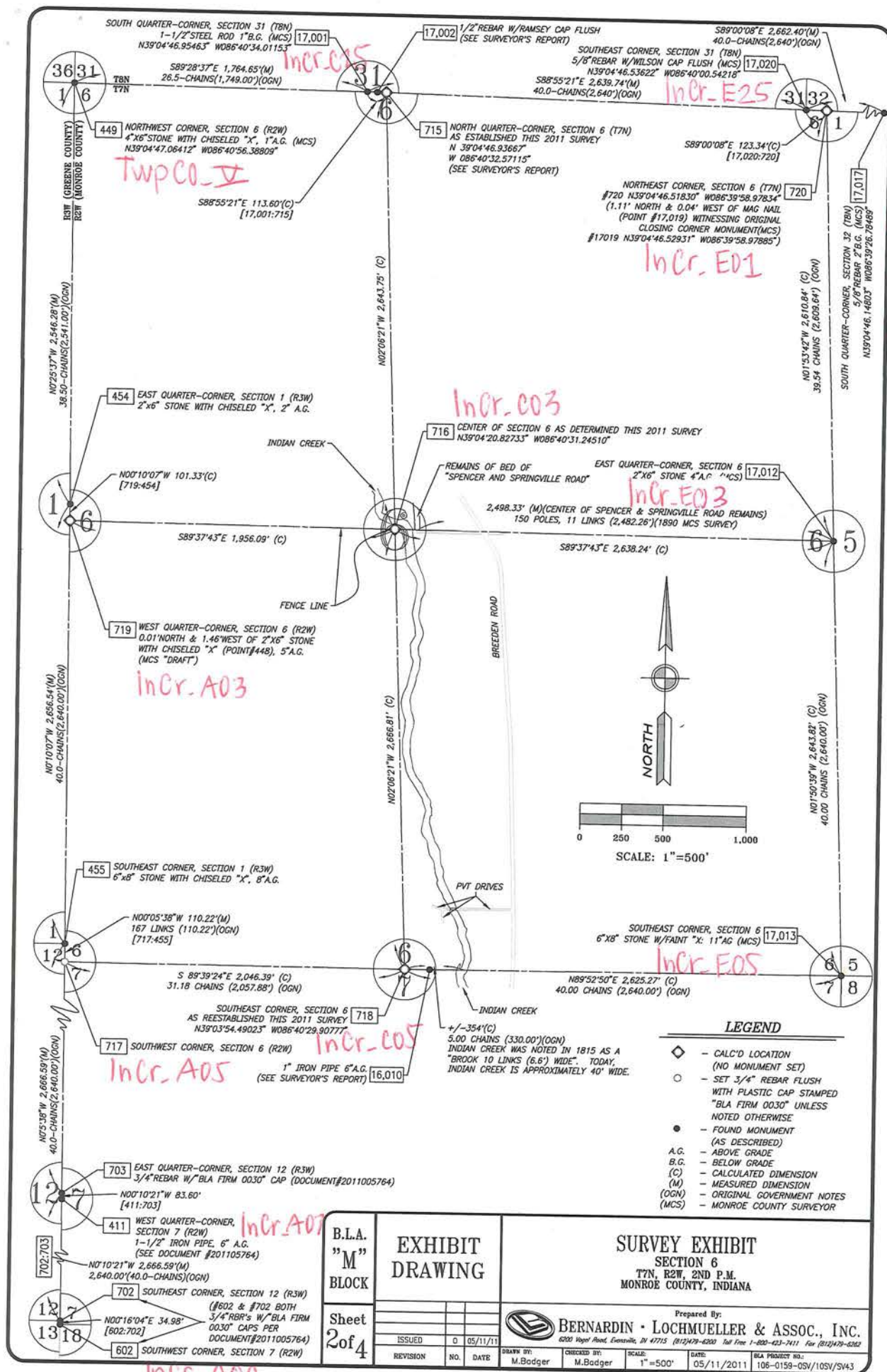
T7N, R2W, 2ND P.M.

MONROE COUNTY, INDIANA

Prepared By:

BERNARDIN • LOCHMUELLER & ASSOC., INC.

6203 Vogel Road, Evansville, IN 47715 (812)479-6200 Toll Free 1-800-423-7411 Fax (812)479-6262



SURVEY EXHIBIT SUMMARY

BLA PROJECT NUMBER: 106-0159-05V/10SV/SV43

REFERENCE SURVEY(S): DOCUMENT #2011005764 (BADGER SURVEY--"GLASGOW"), DOCUMENT #2006020052 (DECKARD SURVEY--"YUM"), DOCUMENT #2007022637 (TAPP SURVEY--"LANGLEY"), DOCUMENT #200800849 (TAPP SURVEY--"CONDER"), MONROE COUNTY SURVEYOR'S RECORDS (UIT SURVEY--SEC.5,T7N,R2W--"DOUGLAS DIXON SR.-ADMIN.SUB."E-CERTIFIED APRIL 19, 2004)

PURPOSE OF SURVEY: The purpose of this document is to inform the interested parties, i.e., the Monroe County Surveyor and the Monroe County Surveyor Review Board, of the findings of survey efforts conducted in Section 6, Township 7 North, Range 2 West of the 2nd Principal Meridian in Indian Township, Monroe County, Indiana and to have both parties review for approval the calculated locations of the South Quarter-Corner (POINT #718), the Center of Section (POINT #718) and the North Quarter-Corner (POINT #715) of Section 6. If these locations are approved by said County Surveyor and Review Board in a time frame favorable to the Project, Harrison-style markers may be installed in these locations rather than the typical 3/4" rebars with FIRM caps.

Though prepared by Matthew G. Badger, an Indiana Registered Land Surveyor #20500011, this abbreviated report/document is NOT to be interpreted as a Surveyor's Report as defined in Title 865, Article 1, Chapter 12 ("Rule 12") of the Indiana Administrative Code--State Board of Registration for Land Surveyors. Such Surveyor's Report will be prepared and included at the completion of this survey.

The recovery and/or computation of the corners of Sections 1, 12 and 13 of Township 7 North, Range 3 West, Sections 6, 7 and 18 Township 7 North, Range 2 West and Sections 31 and 32 of Township 8 North, Range 2 West along with other monumentation worthy of mention is as follows:

POINT #449 (Northwest Corner, Section 6): In accordance with the Monroe County Surveyor's Section Corner perpetuation tie card, a 4"x6" sandstone with a chiseled "X" was found 1-inch above grade at the intersection of north/south and east/west fence lines marking the Corner common to Townships 7 and 8 North, Ranges 2 and 3 West (respectively) and was accepted as such. The origin of this monument is unknown, but is believed to have been perpetuated by said Surveyor's office in years past. No geographic location was found in the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner, nor did the Greene County Surveyor's Office have a current perpetuation record for this Corner. The uncertainty of POINT #449 is approximately 1-foot and is based upon the location of said POINT relative to said fence lines.

POINT #454 (East Quarter-Corner, Section 1): A 2"x6" stone with a chiseled "X" was found 2-inches above grade in a north/south fence line and was accepted as marking the East Quarter-Corner of Section 1. The origin of this monument is unknown, but is believed to have been perpetuated by Greene County Surveyor's office in years past. No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. The uncertainty of POINT #454 is approximately 1-foot and is based upon a combination of said POINT relative to said fence and the RPA of this survey.

POINT #448 (West Quarter-Corner witness, Section 6): A 2"x6" stone with a chiseled "X" was found 5-inches above grade in a north/south fence line 1.46-feet east of the Range Line and was accepted as a witness of the West Quarter-Corner of Section 6. The origin of this monument is unknown, but is believed to have been perpetuated by Monroe County Surveyor's office in years past. No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. The uncertainty of POINT #448 is approximately 1-foot and is based upon a combination of said POINT relative to said fence and the RPA of this survey. No amount of uncertainty is reported herein with respect to the POINT #448's location relative to a theoretical aliquot breakdown of the Section.

POINT #719 (West Quarter-Corner, Section 6): No records were found in the Monroe County Surveyor's Office for the establishment of the West Quarter-Corner of Section 6. The location of POINT #448 (discussed above) was found to lie 8.9-feet north and 7.2-feet east of the mathematical split of the opposing Southwest and Northwest Corners of said Section 6 and on an approximate westerly-projected line of an east-west fence to the east and other possession lines running their courses through the entire Section. Given the terrain and the equipment available to whomever set POINT #448 in the probable timeframe in which it was set, it is believed by this Surveyor that POINT #448 marks the locally-accepted location witnessing the West Quarter-Corner of Section 6, as described above. For the location "marking" the West Quarter-Corner of Section 6, POINT #719 was determined by projecting a line through POINTS #17,012 (discussed below--East Quarter-Corner, Section 6) and POINT #448 and intersecting the Senior Township Line (East Line, Range 3 West) as defined by POINTS #454 (discussed above--East Quarter-Corner, Section 1) and POINT #455 (discussed below--Southeast Corner, Section 1). This location fell 0.01-feet north and 1.46-feet west of POINT #448. This location was not monumented this Survey as it is believed such would only cause confusion by others. If this location is to be monumented, it is believed by this Surveyor it should be carried out under direct cooperation with the Monroe County Surveyor's Office. The uncertainty of POINT #719 is approximately 5-feet and is generally based upon the RPA of this survey as well the location of POINT #448 with respect to the nearby fence intersection.

POINT #455 (Southeast Corner, Section 1): A 6"x8" stone with a chiseled "X" was found 8-inches above grade in a north/south fence line and was accepted as marking the Southeast Corner of Section 1. The origin of this monument is unknown, but is believed to have been perpetuated by Greene County Surveyor's office in years past. No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. The uncertainty of POINT #455 is approximately 1-foot and is based upon a combination of said POINT relative to said fence and the RPA of this survey.

POINT #717 (Southwest Corner, Section 6): No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. In the initial search area, an intersection of fence lines from the north and east was found with railroad ties marking the corner and broce posts. According to the current owner of the land to the northeast, the Adams family (Adams Family Trust, Book 408, Page 699), this fence was constructed by this family several years ago without the knowledge of the location of the Southwest Corner of Section 6. Given this information, the location of said fence was disregarded to provide any support for the reestablishment of the Southwest Corner of said Section 6. The position calculated for this Corner was determined to lie at the record falling stated in the Original Government Notes, being 167-links (110.22-feet) south of the Southeast Corner of Section 1 and on the Senior Township Line (East Line, Range 3 West) as defined by POINTS #455 (discussed above--Southeast Corner, Section 1) and POINT #703 (discussed below--East Quarter-Corner, Section 12). This location fell approximately 3.7-feet north and 0.4-feet east of the aforesaid fence corner. The uncertainty of POINT #717 is approximately 2-feet and is based upon the uncertainty of POINT #455 as well as utilizing, verbatim, the record falling noted in the Original Government Notes.

POINT #703 (East Quarter-Corner, Section 12): Per Document #2011005764, a 3/4" rebar with "BLA FIRM 0030 CAP" was found marking the location of the East Quarter-Corner of Section 12. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #411 (West Quarter-Corner, Section 7): Per Document #2011005764, a 1-1/2" iron pipe was found 6-inches above grade marking the location of the West Quarter-Corner of Section 7. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #702 (Southeast Corner, Section 12): Per Document #2011005764, a 3/4" rebar with "BLA FIRM 0030 CAP" was found marking the location of the Southeast Corner of Section 12. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #602 (Northwest Corner, Section 18): Per Document #2011005764, a 3/4" rebar with "BLA FIRM 0030 CAP" was found marking the location of the Northwest Corner of Section 18. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #17,013 (Southeast Corner, Section 6): A 6"x8" stone with a faint chiseled "X" was found 11" above grade approximately 60-feet north of a north/south/west fence intersection and was accepted as marking the Southeast Corner of Section 6. The origin of this monument is unknown, but it's character and location agrees with the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records. The uncertainty of POINT #17,013 is approximately 0.5-feet and is generally based upon the RPA of this survey.

POINT #17,012 (East Quarter-Corner, Section 6): A 2"x6" stone was found 4" above grade at the intersection of an east/south/west fence intersection and was accepted as marking the East Quarter-Corner of Section 6. The origin of this monument is unknown, but it's character and location agrees with the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records. The uncertainty of POINT #17,012 is approximately 0.5-feet and is generally based upon the RPA of this survey.

POINT #17,017 (South Quarter-Corner, Section 32): A 5/8" rebar was found 2" below grade in the bed of the road of Evans Road and was accepted as marking the South Quarter-Corner of Section 32. Although the origin of this monument is unknown, it's character and location agrees with the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records. The uncertainty of POINT #17,017 is approximately 0.5-feet and is generally based upon the RPA of this survey.

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B.L.A. "M" BLOCK	EXHIBIT DRAWING		SURVEY EXHIBIT CORNWELL SITE SECTION 6, T7N, R2W, 2ND P.M. MONROE COUNTY, INDIANA	
Sheet 3of4	ISSUED		0 05/11/11 DRAWN BY: M.Badger CHECKED BY: M.Badger SCALE: N/A DATE: 05/11/2011 BLA PROJECT No.: 106-0159-05V/10SV/SV43	
	REVISION			
	NO.			
	DATE			

SURVEY EXHIBIT SUMMARY (continued)

POINT #17,019 (Northeast Closing-Corner witness, Section 6): A MAG nail was found flush with grade in the bed of the road of Evans Road in accordance to the above-referenced Document #2007022637 (Tapp survey-"Langley") and was accepted as witnessing the Northeast Closing-Corner of Section 6. The location of POINT #17,019 was found to lie 1.11-feet north and 0.04-feet west of the Northeast Corner of Section 6 as reduced to the Senior Township Line (South Line, Township 8 North) as discussed below for POINT #720. Said Tapp survey depicted this monument to mark the Northeast Corner of Section 6. The Monroe County Surveyor's Office also references this monument as marking the Northeast Corner of Section 6. The uncertainty of the coordinates and corresponding bearings and distances associated with this monument is approximately 0.3-feet and is generally based upon the RPA of this survey.

POINT #720 (Northeast Corner, Section 6): The Northeast Corner of Section 6 was determined this survey by reducing/trimming a line beginning at POINT #17,012 (discussed above) and ending at POINT #17,019 (discussed above) to the Senior Township Line (South Line, Township 8 North) as defined by POINT #17,017 (discussed above) and POINT #17,020 (discussed below). This location fell 1.11-feet south and 0.04-feet east of POINT #17,019. This location was not monumented this Survey as it is believed such would only cause confusion by others. If this location is to be monumented, it is believed by this Surveyor it should be carried out under direct cooperation with the Monroe County Surveyor's Office. The uncertainty of POINT #720 is approximately 2-feet and is generally based upon the RPA of this survey as well as the location of POINT #17,019.

POINT #17,020 (Southeast Corner, Section 31): A 5/8" rebar with a "WILSON" cap was found flush with grade at the approximate southerly projection of the centerline of Birch road and the westerly projection of Evans Road in accordance with the above-referenced Document #2008008449 (Tapp survey-"Cander") as well as the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records and was accepted as marking the Southeast Corner of Section 31. The uncertainty of POINT #17,020 is approximately 0.5-feet and is generally based upon the RPA of this survey.


POINT #715 (North Quarter-Corner, Section 6): The monument of "DRAFT" status referenced by the Monroe County Surveyor's Office at the beginning of this survey was a 1/2" rebar with "RAMSEY" cap found flush with grade approximately 30-feet east of the centerline of Breeden Road, i.e. POINT #17,002. After contacting Mr. Stephen Ramsey about this monument, it was determined that it was set merely as a reference to the South Quarter-Corner of Section 31 and was NOT meant to mark the location of the North Quarter-Corner of Section 6. After discussing this with Kevin Enright, Monroe County Surveyor, and researching the Monroe County Surveyor's Legal Survey Records, it was determined that the location for the North Quarter-Corner of Section 6 had not been established. After contacting the Bureau of Land Management for guidance on the proper methodology for establishing this Corner, it was determined to set the longitude of the North Quarter-Corner of Section 6 at 40-chains proportionate from the Northeast Closing Corner of Section 6 (POINT #17,019) to the Northwest Corner of Section 6 (POINT #449) and the latitude to lie on the Senior Township Line as defined by the Southeast Corner, the South Quarter-Corner and the Southwest Corner of Section 31 of Township 8 North; whichever side of the South Quarter-Corner the determined longitude falls. With the record (OGN) chainage from the Northeast Closing Corner of Section 6 to the Northwest Corner of Section 6 being 68.36 chains (4,511.76-feet) and the longitudinal separation of the corresponding monuments being 0 degrees 0 minutes 57.40924", the proportioned longitude fell east of the South Quarter-Corner of Section 31; therefore, POINT #17,020 (Southeast Corner, Section 31) and POINT #17,001 (South Quarter-Corner, Section 31) defined the appropriate controlling Senior Line that the North Quarter-Corner of Section 6 was determined to lie upon. The resulting location of the North Quarter-Corner of Section 6 (POINT #715) fell approximately 85-feet east of the centerline of Breeden Road and along a faint east/west possession line. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The uncertainty of POINT #715 is approximately 3-feet and is generally based upon the combined uncertainties of the monuments depicted on this survey plat along the Township Line.

POINT #17,001 (South Quarter-Corner, Section 31): A 1-1/2" steel rod was found 1" below grade in accordance with the above-referenced Document #2006020052 (Deckard survey-"Yum") as well as the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records and was accepted as marking the South Quarter-Corner of Section 31. The uncertainty of POINT #17,001 is approximately 0.5-feet and is generally based upon the RPA of this survey.

POINT #718 (South Quarter-Corner, Section 6): The monument of "DRAFT" status referenced by the Monroe County Surveyor's Office at the beginning of this survey was a 1" iron pipe 6" above grade leaning east. After field investigation and review, it is believed by this Surveyor that this pipe was set as part of a survey by Henry J. Dorman in 1974 (McDonald Place Tracts 1 & 2) to mark a local boundary corner and NOT the South Quarter-Corner of Section 6. A review the Original Government Notes indicated that the total length of the South Line of Section 6 was set as 71.18 chains (4,697.88-feet), with 40-chains (2,640-feet) along the Southeast Line of the Section and 31.18-chains (2,057.88-feet) closing on the Range Line. The point-to-point distance from POINT #17,013 (Southeast Corner, Section 6) to POINT #717 (Southwest Corner, Section 6) as determined this 2011 survey was 4,671.62-feet (roughly 70.78-chains), yielding a total difference of only plus or minus 26.26-feet from the Original measure. The aforesaid Dorman pipe lies approximately 151-feet east of a single-proportioned reestablished position of the South Quarter-Corner of Section 6. Also noted in the Original Government Notes was the crossing of a "brook (now known as "Indian Creek") 10 links (6.6-feet wide)" at 35.00-chains from the Southeast Corner of Section 6, being 5.00-chains (330-feet) east of the South Quarter-Corner as Originally Established. At the date of the field work for this survey, the width of Indian Creek measured approximately 40-feet wide. It is believed that the general location of Indian Creek has not shifted from it's position during the Original Survey of Township 7 North, Range 2 West (1815), and it's very probable that the 1815 centerline location could lie within the current "top-of-bank to top-of-bank" span. Along most of the South Line of Section 6 lying west of Indian Creek lied a fence line ranging from approximately 1-foot north to 8-feet south of said Section Line. A thorough investigation approximately 40-feet east and west of a single-proportioned location of the South Quarter-Corner of Section 6 led to NO evidence of north/south possession lines, NO ferrous-type survey markers, several loose surface stones, but none of Section Corner-marking character suspicion. After this, it was determined to reestablish the South Quarter-Corner of Section 6 by a slightly modified single-proportionate method, as follows. The position of longitude was determined by single-proportioning between POINT #17,013 and POINT #717, while the north/south position was determined by projecting westerly a line beginning at POINT #17,013 and POINT #16,010 (Dorman pipe)(as the proportioned location fell west of the Dorman pipe). This location fell approximately 1-foot north of the east/west fence discussed above. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The east/west uncertainty of this reestablished position of the South Quarter-Corner of Section 6 (POINT #718) is approximately 27-feet and is based upon the total length of the South Line of Section 6 as discussed above. The north/south uncertainty of POINT #718 is approximately 4-feet and is generally based upon the fence lines as also discussed above.

POINT #716 (Center of Section 6): No monument or geographic location was found in the Monroe County Surveyor's Section Corner Perpetuation records for this Corner, nor did there appear to be any record in the Legal Survey Books concerning this Corner being established. A thorough search was made of an approximate 100-foot radius centered at the bearing-bearing intersection of the North/South and East/West Quarter-Corner of Section 6 as described above for any signs of a survey marker for the Center of Section 6. At said Center, an east/west fence line was found to lie approximately 1-foot to the south. A fence line with an approximate 8-degree skew west of North was found intersecting this east/west fence line approximately 27.5-feet to the west, but is believed by this Surveyor NOT to mark or witness the Center of Section 6, but only a local boundary or title corner. No other north/south possession lines or monuments were found in the area. The Center of Section 6 was therefore established this survey via bearing/bearing intersections of the North/South and East/West Quarter-Corners (POINT #715/POINT #718 and POINT #17,012/POINT #719, respectively) discussed above and fell (as mentioned previously) approximately 1-foot north of the east/west fence line and approximately 45-feet south and 73-west of the 2011 location of Indian Creek. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The uncertainty of POINT #716 is approximately 15-feet and is generally based upon the uncertainties of said Quarter-Corners.

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B.L.A. "M" BLOCK	EXHIBIT DRAWING		<p>SURVEY EXHIBIT CORNWELL SITE SECTION 6, T7N, R2W, 2ND P.M. MONROE COUNTY, INDIANA</p>			
Sheet 4 of 4	ISSUED		05/11/11		 BERNARDIN • LOCHMUELLER & ASSOC., INC. <small>6200 Hooper Road, Evansville, IN 47715 (812) 479-6200 Toll Free 1-800-423-7411 Fax (812) 479-6242</small>	
	REVISION	NO.	DATE	DRAWN BY:	CHECKED BY:	SCALE:
				M.Badger	M.Badger	N/A
			DATE:	05/11/2011	PLA PROJECT NO.:	106-0159-05V/10SV/SV43

SURVEY EXHIBIT SUMMARY (continued)

POINT #17,019 (Northeast Closing-Corner witness, Section 6): A MAG nail was found flush with grade in the bed of the road of Evans Road in accordance to the above-referenced Document #2007022637 (Tapp survey-"Langley") and was accepted as witnessing the Northeast Closing-Corner of Section 6. The location of POINT #17,019 was found to lie 1.11-feet north and 0.04-feet west of the Northeast Corner of Section 6 as reduced to the Senior Township Line (South Line, Township 8 North) as discussed below for POINT #720. Said Tapp survey depicted this monument to mark the Northeast Corner of Section 6. The Monroe County Surveyor's Office also references this monument as marking the Northeast Corner of Section 6. The uncertainty of the coordinates and corresponding bearings and distances associated with this monument is approximately 0.3-feet and is generally based upon the RPA of this survey.

POINT #720 (Northeast Corner, Section 6): The Northeast Corner of Section 6 was determined this survey by reducing/trimming a line beginning at POINT #17,012 (discussed above) and ending at POINT #17,019 (discussed above) to the Senior Township Line (South Line, Township 8 North) as defined by POINT #17,017 (discussed above) and POINT #17,020 (discussed below). This location fell 1.11-feet south and 0.04-feet east of POINT #17,019. This location was not monumented this Survey as it is believed such would only cause confusion by others. If this location is to be monumented, it is believed by this Surveyor it should be carried out under direct cooperation with the Monroe County Surveyor's Office. The uncertainty of POINT #720 is approximately 2-feet and is generally based upon the RPA of this survey as well as the location of POINT #17,019.

POINT #17,020 (Southeast Corner, Section 31): A 5/8" rebar with a "WILSON" cap was found flush with grade at the approximate southerly projection of the centerline of Birch road and the westerly projection of Evans Road in accordance with the above-referenced Document #2008008449 (Tapp survey-"Conder") as well as the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records and was accepted as marking the Southeast Corner of Section 31. The uncertainty of POINT #17,020 is approximately 0.5-feet and is generally based upon the RPA of this survey.


POINT #715 (North Quarter-Corner, Section 6): The monument of "DRAFT" status referenced by the Monroe County Surveyor's Office at the beginning of this survey was a 1/2" rebar with "RAMSEY" cap found flush with grade approximately 30-feet east of the centerline of Breeden Road, i.e. POINT #17,002. After contacting Mr. Stephen Ramsey about this monument, it was determined that it was set merely as a reference to the South Quarter-Corner of Section 31 and was NOT meant to mark the location of the North Quarter-Corner of Section 6. After discussing this with Kevin Enright, Monroe County Surveyor, and researching the Monroe County Surveyor's Legal Survey Records, it was determined that the location for the North Quarter-Corner of Section 6 had not been established. After contacting the Bureau of Land Management for guidance on the proper methodology for establishing this Corner, it was determined to set the longitude of the North Quarter-Corner of Section 6 at 40-chains proportionate from the Northeast Closing Corner of Section 6 (POINT #17,019) to the Northwest Corner of Section 6 (POINT #449) and the latitude to lie on the Senior Township Line as defined by the Southeast Corner, the South Quarter-Corner and the Southwest Corner of Section 31 of Township 8 North; whichever side of the South Quarter-Corner the determined longitude falls. With the record (OGN) chainage from the Northeast Closing Corner of Section 6 to the Northwest Corner of Section 6 being 68.36 chains (4,511.76-feet) and the longitudinal separation of the corresponding monuments being 0 degrees 0 minutes 57.40924", the proportioned longitude fell east of the South Quarter-Corner of Section 31; therefore, POINT #17,020 (Southeast Corner, Section 31) and POINT #17,001 (South Quarter-Corner, Section 31) defined the appropriate controlling Senior Line that the North Quarter-Corner of Section 6 was determined to lie upon. The resulting location of the North Quarter-Corner of Section 6 (POINT #715) fell approximately 85-feet east of the centerline of Breeden Road and along a faint east-west possession line. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The uncertainty of POINT #715 is approximately 3-feet and is generally based upon the combined uncertainties of the monuments depicted on this survey plat along the Township Line.

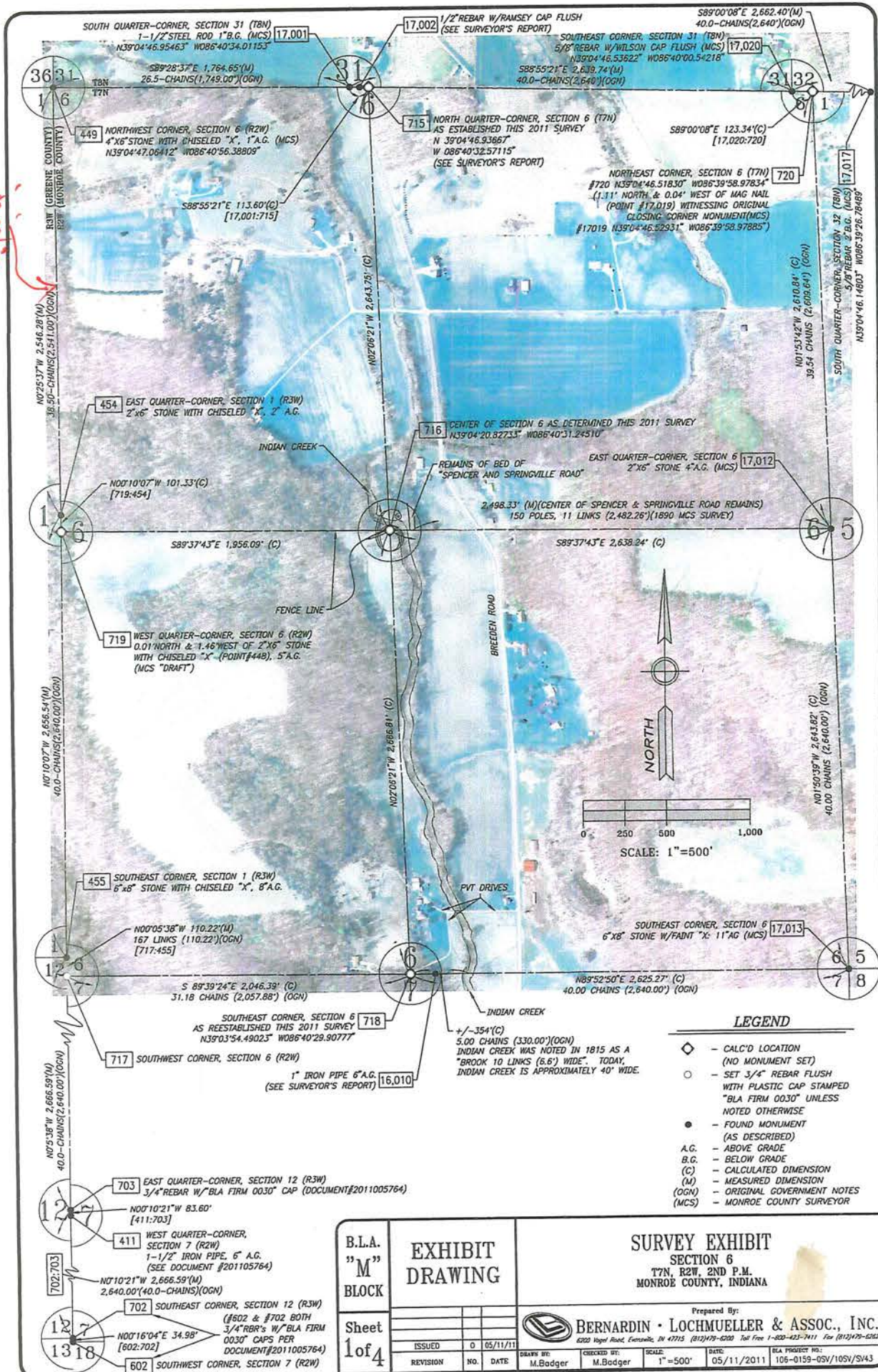
POINT #17,001 (South Quarter-Corner, Section 31): A 1-1/2" steel rod was found 1" below grade in accordance with the above-referenced Document #2006020052 (Deckard survey-"Yum") as well as the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records and was accepted as marking the South Quarter-Corner of Section 31. The uncertainty of POINT #17,001 is approximately 0.5-feet and is generally based upon the RPA of this survey.

POINT #718 (South Quarter-Corner, Section 6): The monument of "DRAFT" status referenced by the Monroe County Surveyor's Office at the beginning of this survey was a 1" iron pipe 6" above grade leaning east. After field investigation and review, it is believed by this Surveyor that this pipe was set as part of a survey by Henry J. Dorman in 1974 (McDonald Place Tracts 1 & 2) to mark a local boundary corner and NOT the South Quarter-Corner of Section 6. A review the Original Government Notes indicated that the total length of the South Line of Section 6 was set as 71.18 chains (4,697.88-feet), with 40-chains (2,640-feet) along the Southeast Line of the Section and 31.18-chains (2,057.88-feet) closing on the Range Line. The point-to-point distance from POINT #17,013 (Southeast Corner, Section 6) to POINT #717 (Southwest Corner, Section 6) as determined this 2011 survey was 4,671.62-feet (roughly 70.78-chains), yielding a total difference of only plus or minus 26.26-feet from the Original measure. The aforesaid Dorman pipe lies approximately 151-feet east of a single-proportioned reestablished position of the South Quarter-Corner of Section 6. Also noted in the Original Government Notes was the crossing of a "brook (now known as "Indian Creek") 10 links (6.6-feet) wide" at 35.00-chains from the Southeast Corner of Section 6, being 5.00-chains (330-feet) east of the South Quarter-Corner as Originally Established. At the date of the field work for this survey, the width of Indian Creek measured approximately 40-feet wide. It is believed that the general location of Indian Creek has not shifted from its position during the Original Survey of Township 7 North, Range 2 West (1815), and it's very probable that the 1815 centerline location could lie within the current "top-of-bank to top-of-bank" span. Along most of the South Line of Section 6 lying west of Indian Creek lied a fence line ranging from approximately 1-foot north to 8-feet south of said Section Line. A thorough investigation approximately 40-feet east and west of a single-proportioned location of the South Quarter-Corner of Section 6 led to NO evidence of north/south possession lines, NO ferrous-type survey markers, several loose surface stones, but none of Section Corner-marking character suspicion. After this, it was determined to reestablish the South Quarter-Corner of Section 6 by a slightly modified single-proportionate method, as follows. The position of longitude was determined by single-proportioning between POINT #17,013 and POINT #717, while the north/south position was determined by projecting westerly a line beginning at POINT #17,013 and POINT #16,010 (Dorman pipe) (as the proportioned location fell west of the Dorman pipe). This location fell approximately 1-foot north of the east/west fence discussed above. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The east/west uncertainty of this reestablished position of the South Quarter-Corner of Section 6 (POINT #718) is approximately 27-feet and is based upon the total length of the South Line of Section 6 as discussed above. The north/south uncertainty of POINT #718 is approximately 4-feet and is generally based upon the fence lines as also discussed above.

POINT #716 (Center of Section 6): No monument or geographic location was found in the Monroe County Surveyor's Section Corner Perpetuation records for this Corner, nor did there appear to be any record in the Legal Survey Books concerning this Corner being established. A thorough search was made of an approximate 100-foot radius centered at the bearing-bearing intersection of the North/South and East/West Quarter-Corner of Section 6 as described above for any signs of a survey marker for the Center of Section 6. At said Center, an east/west fence line was found to lie approximately 1-foot to the south. A fence line with an approximate 8-degree skew west of North was found intersecting this east/west fence line approximately 27.5-feet to the west, but is believed by this Surveyor NOT to mark or witness the Center of Section 6, but only a local boundary or title corner. No other north/south possession lines or monuments were found in the area. The Center of Section 6 was therefore established this survey via bearing/bearing intersections of the North/South and East/West Quarter-Corners (POINT #715/POINT #718 and POINT #17,012/POINT #719, respectively) discussed above and fell (as mentioned previously) approximately 1-foot north of the east/west fence line and approximately 45-feet south and 73-west of the 2011 location of Indian Creek. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The uncertainty of POINT #716 is approximately 15-feet and is generally based upon the uncertainties of said Quarter-Corners.

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B.L.A. "M" BLOCK	EXHIBIT DRAWING		SURVEY EXHIBIT CORNWELL SITE SECTION 6, T7N, R2W, 2ND P.M. MONROE COUNTY, INDIANA			
			Prepared By: BERNARDIN • LOCHMUELLER & ASSOC., INC. 6200 Vogel Road, Evansville, IN 47715 (812)479-6200 Toll Free 1-800-423-7411 Fax (812)479-6262			
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			<div> ISSUED: 0 05/11/11 REVISION: NO. DATE DRAWN BY: M.Badger CHECKED BY: M.Badger SCALE: N/A DATE: 05/11/2011 BLA PROJECT NO.: 106-0159-05V/105V/SV43 </div>			
Sheet 4 of 4						

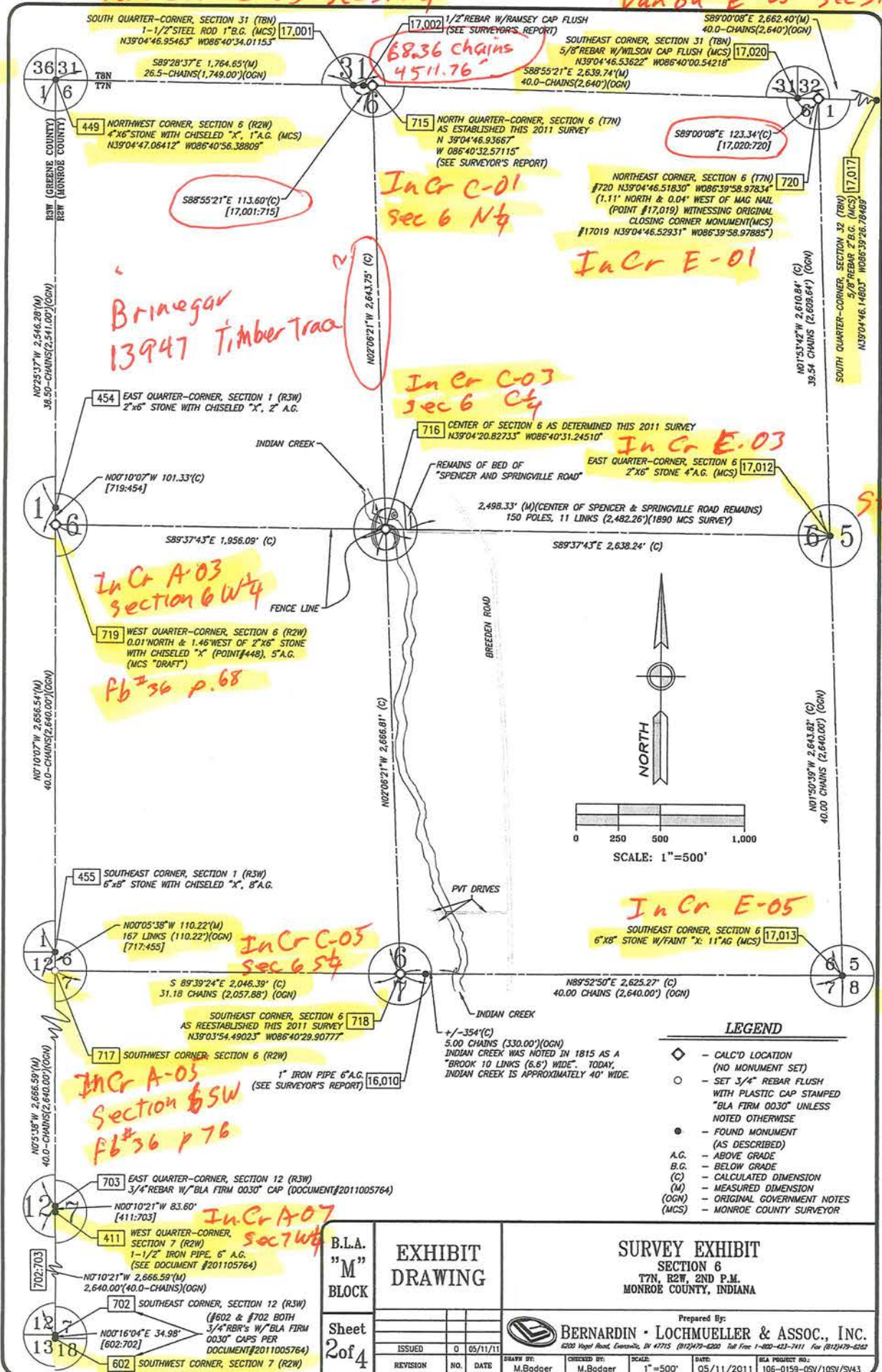


Van Bu C-25 sec 31 S4

Van Bu E-25 sec 31 SE

Stone
T.O.

Van Bu G-25
sec 32 S4



SURVEY EXHIBIT SUMMARY

BLA PROJECT NUMBER: 106-0159-05V/105V/SW43

REFERENCE SURVEY(S): DOCUMENT #2011005764 (BADGER SURVEY-"GLASGOW"), DOCUMENT #2006020052 (DECKARD SURVEY-"YUM"), DOCUMENT #2007022637 (TAPP SURVEY-"LANGLEY"), DOCUMENT #2008008449 (TAPP SURVEY-"CONDER"), MONROE COUNTY SURVEYOR'S RECORDS (UTT SURVEY-SEC.5, 17N, R2W-"DOUGLAS DIXON SR.-ADMIN.SUB."E"-CERTIFIED APRIL 19, 2004)

PURPOSE OF SURVEY: The purpose of this document is to inform the interested parties, i.e., the Monroe County Surveyor and the Monroe County Surveyor Review Board, of the findings of survey efforts conducted in Section 6, Township 7 North, Range 2 West of the 2nd Principal Meridian in Indian Township, Monroe County, Indiana and to have both parties review for approval the calculated locations of the South Quarter-Corner (POINT #718), the Center of Section (POINT #718) and the North Quarter-Corner (POINT #715) of Section 6. If these locations are approved by said County Surveyor and Review Board in a time frame favorable to the Project, Harrison-style markers may be installed in these locations rather than the typical 3/4" rebar with FIRM caps.

Though prepared by Matthew G. Badger, an Indiana Registered Land Surveyor #20500011, this abbreviated report/document is NOT to be interpreted as a Surveyor's Report as defined in Title 865, Article 1, Chapter 12 ("Rule 12") of the Indiana Administrative Code-State Board of Registration for Land Surveyors. Such Surveyor's Report will be prepared and included at the completion of this survey.

The recovery and/or computation of the corners of Sections 1, 12 and 13 of Township 7 North, Range 3 West, Sections 6, 7 and 18 Township 7 North, Range 2 West and Sections 31 and 32 of Township 8 North, Range 2 West along with other monumentation worthy of mention is as follows:

POINT #449 (Northwest Corner, Section 6): In accordance with the Monroe County Surveyor's Section Corner perpetuation tie cord, a 4"x6" sandstone with a chiseled "X" was found 1-inch above grade at the intersection of north/south and east/west fence lines marking the Corner common to Townships 7 and 8 North, Ranges 2 and 3 West (respectively) and was accepted as such. The origin of this monument is unknown, but is believed to have been perpetuated by said Surveyor's office in years past. No geographic location was found in the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner, nor did the Greene County Surveyor's Office have a current perpetuation record for this Corner. The uncertainty of POINT #449 is approximately 1-foot and is based upon the location of said POINT relative to said fence lines. *TOP COR. V*

POINT #454 (East Quarter-Corner, Section 1): A 2"x6" stone with a chiseled "X" was found 2-inches above grade in a north/south fence line and was accepted as marking the East Quarter-Corner of Section 1. The origin of this monument is unknown, but is believed to have been perpetuated by Greene County Surveyor's office in years past. No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. The uncertainty of POINT #454 is approximately 1-foot and is based upon a combination of said POINT relative to said fence and the RPA of this survey. *Incr. Y03*

POINT #448 (West Quarter-Corner, Section 6): A 2"x6" stone with a chiseled "X" was found 5-inches above grade in a north/south fence line 1.46-feet east of the Range Line and was accepted as a witness of the West Quarter-Corner of Section 6. The origin of this monument is unknown, but is believed to have been perpetuated by Monroe County Surveyor's office in years past. No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. The uncertainty of POINT #448 is approximately 1-foot and is based upon a combination of said POINT relative to said fence and the RPA of this survey. No amount of uncertainty is reported herein with respect to the POINT #448's location relative to a theoretical aliquot breakdown of the Section. *Incr. A03*

POINT #719 (West Quarter-Corner, Section 6): No records were found in the Monroe County Surveyor's Office for the establishment of the West Quarter-Corner of Section 6. The location of POINT #448 (discussed above) was found to lie 8.9-feet north and 7.2-feet east of the mathematical split of the opposing Southwest and Northwest Corners of said Section 6 and on an approximate westerly-projected line of an east-west fence to the east and other possession lines running their courses through the entire Section. Given the terrain and the equipment available to whomever set POINT #448 in the probable timeframe in which it was set, it is believed by this Surveyor that POINT #448 marks the locally-accepted location witnessing the West Quarter-Corner of Section 6, as described above. For the location "marking" the West Quarter-Corner of Section 6, POINT #719 was determined by projecting a line through POINTS #17,012 (discussed below-East Quarter-Corner, Section 6) and POINT #448 and intersecting the Senior Township Line (East Line, Range 3 West) as defined by POINTS #454 (discussed above-East Quarter-Corner, Section 1) and POINT #455 (discussed below-Southeast Corner, Section 1). This location fell 0.01-feet north and 1.46-feet west of POINT #448. This location was not monumented this Survey as it is believed such would only cause confusion by others. If this location is to be monumented, it is believed by this Surveyor it should be carried out under direct cooperation with the Monroe County Surveyor's Office. The uncertainty of POINT #719 is approximately 5-feet and is generally based upon the RPA of this survey as well the location of POINT #448 with respect to the nearby fence intersection.

POINT #455 (Southeast Corner, Section 1): A 6"x8" stone with a chiseled "X" was found 8-inches above grade in a north/south fence line and was accepted as marking the Southeast Corner of Section 1. The origin of this monument is unknown, but is believed to have been perpetuated by Greene County Surveyor's office in years past. No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. The uncertainty of POINT #455 is approximately 1-foot and is based upon a combination of said POINT relative to said fence and the RPA of this survey. *Incr. Y03*

POINT #717 (Southwest Corner, Section 6): No monument or geographic location was found in either the Greene or Monroe County Surveyor's Section Corner Perpetuation records for this Corner. In the initial search area, an intersection of fence lines from the north and east was found with railroad ties marking the corner and brace posts. According to the current owner of the land to the northeast, the Adams family (Adams Family Trust, Book 408, Page 699), this fence was constructed by this family several years ago without the knowledge of the location of the Southwest Corner of Section 6. Given this information, the location of said fence was disregarded to provide any support for the reestablishment of the Southwest Corner of said Section 6. The position calculated for this Corner was determined to lie at the record falling stated in the Original Government Notes, being 167-links (110.22-feet) south of the Southeast Corner of Section 1 and on the Senior Township Line (East Line, Range 3 West) as defined by POINTS #455 (discussed above-Southeast Corner, Section 1) and POINT #703 (discussed below-East Quarter-Corner, Section 12). This location fell approximately 3.7-feet north and 0.4-feet east of the aforesaid fence corner. The uncertainty of POINT #717 is approximately 2-feet and is based upon the uncertainty of POINT #455 as well as utilizing, verbatim, the record falling noted in the Original Government Notes.

POINT #703 (East Quarter-Corner, Section 12): Per Document #2011005764, a 3/4" rebar with "BLA FIRM 0030 CAP" was found marking the location of the East Quarter-Corner of Section 12. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #411 (West Quarter-Corner, Section 7): Per Document #2011005764, a 1-1/2" iron pipe was found 6-inches above grade marking the location of the West Quarter-Corner of Section 7. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #702 (Southeast Corner, Section 12): Per Document #2011005764, a 3/4" rebar with "BLA FIRM 0030 CAP" was found marking the location of the Southeast Corner of Section 12. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #602 (Northwest Corner, Section 18): Per Document #2011005764, a 3/4" rebar with "BLA FIRM 0030 CAP" was found marking the location of the Northwest Corner of Section 18. Please refer to said Document #2011005764 for further information regarding this Corner.

POINT #17,013 (Southeast Corner, Section 6): A 6"x8" stone with a faint chiseled "X" was found 11" above grade approximately 60-feet north of a north/south/west fence intersection and was accepted as marking the Southeast Corner of Section 6. The origin of this monument is unknown, but it's character and location agrees with the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records. The uncertainty of POINT #17,013 is approximately 0.5-feet and is generally based upon the RPA of this survey. *Incr. E03*

POINT #17,012 (East Quarter-Corner, Section 6): A 2"x6" stone was found 4" above grade at the intersection of an east/south/west fence intersection and was accepted as marking the East Quarter-Corner of Section 6. The origin of this monument is unknown, but it's character and location agrees with the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records. The uncertainty of POINT #17,012 is approximately 0.5-feet and is generally based upon the RPA of this survey. *Incr. E03*

POINT #17,017 (South Quarter-Corner, Section 32): A 5/8" rebar was found 2" below grade in the bed of the road of Evans Road and was accepted as marking the South Quarter-Corner of Section 32. Although the origin of this monument is unknown, it's character and location agrees with the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records. The uncertainty of POINT #17,017 is approximately 0.5-feet and is generally based upon the RPA of this survey. *VanBuren 625*

*In Cr A-03
Section 6 NW 1/4*

*In Cr A-05
Section 6 SW 1/4*

*In Cr A-07
Section 7 NW 1/4
In Cr A-09
Section 7 SW 1/4*

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B.L.A. "M" BLOCK		EXHIBIT DRAWING		SURVEY EXHIBIT CORNWELL SITE SECTION 6, 77N, R2W, 2ND P.M. MONROE COUNTY, INDIANA			
Sheet 3 of 4		ISSUED 0 05/11/11		Prepared By: BERNARDIN • LOCHMUELLER & ASSOC., INC. 6200 Vogel Road, Evansville, IN 47715 (812)479-6200 Toll Free 1-800-423-7411 Fax (812)479-6202			
REVISION	NO.	DATE	DRAWN BY: M.Badger	CHECKED BY: M.Badger	SCALE: N/A	DATE: 05/11/2011	BLA PROJECT NO.: 106-0159-05V/105V/SW43

POINT #17,019 (Northeast Closing--Corner witness, Section 6): A MAG nail was found flush with grade in the bed of the road of Evans Road in accordance to the above-referenced Document #2007022637 (Tapp survey--Langley') and was accepted as witnessing the Northeast Closing--Corner of Section 6. The location of POINT #17,019 was found to lie 1.11-feet north and 0.04-feet west of the Northeast Corner of Section 6 as reduced to the Senior Township Line (South Line, Township 8 North) as discussed below for POINT #720. Said Tapp survey depicted this monument to mark the Northeast Corner of Section 6. The Monroe County Surveyor's Office also references this monument as marking the Northeast Corner of Section 6. The uncertainty of the coordinates and corresponding bearings and distances associated with this monument is approximately 0.3-feet and is generally based upon the RPA of this survey.

POINT #720 (Northeast Corner, Section 6): The Northeast Corner of Section 6 was determined this survey by reducing/trimming a line beginning at POINT #17,012 (discussed above) and ending at POINT #17,019 (discussed above) to the Senior Township Line (South Line, Township 8 North) as defined by POINT #17,017 (discussed above) and POINT #17,020 (discussed above). This location fell 1.11-feet south and 0.04-feet east of POINT #17,019. This location was not monumented this Survey as it is believed such would only cause confusion by others. If this location is to be monumented, it is believed by this Surveyor it should be carried out under direct cooperation with the Monroe County Surveyor's Office. The uncertainty of POINT #720 is approximately 2-feet and is generally based upon the RPA of this survey as well as the location of POINT #17,019.


POINT #17,020 (Southeast Corner, Section 31): A 5/8" rebar with a "WILSON" cap was found flush with grade at the approximate southerly projection of the centerline of Burch road and the westerly projection of Evans Road in accordance with the above-referenced Document #2008008449 (Topp survey--"Conder") as well as the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records and was accepted as marking the Southeast Corner of Section 31. The uncertainty of POINT #17,020 is approximately 0.5-feet and is generally based upon the RPA of this survey.

POINT #715 (North Quarter-Corner, Section 6): The monument of "DRAFT" status referenced by the Monroe County Surveyor's Office at the beginning of this survey was a 1/2" rebar with "RAMSEY" cap found flush with grade approximately 30-feet east of the centerline of Breeden Road, i.e. POINT #17,002. After contacting Mr. Stephen Ramsey about this monument, it was determined that it was set merely as a reference to the South Quarter-Corner of Section 31 and was NOT meant to mark the location of the North Quarter-Corner of Section 6. After discussing this with Kevin Enright, Monroe County Surveyor, and researching the Monroe County Surveyor's Legal Survey Records, it was determined that the location for the North Quarter-Corner of Section 6 had not been established. After contacting the Bureau of Land Management for guidance on the proper methodology for establishing this corner, it was determined to set the longitude of the North Quarter-Corner of Section 6 at 40-chains proportionate from the Northeast Closing Corner of Section 6 (POINT #17,019) to the Northwest Corner of Section 6 (POINT #448) and the latitude to lie on the Senior Township Line as defined by the Southeast Corner, the South Quarter-Corner and the Southwest Corner of Section 31 of Township 8 North; whichever side of the South Quarter-Corner the determined longitude falls. With the record (OGN) change from the Northeast Closing Corner of Section 6 to the Northwest Corner of Section 6 being 68.36 chains (4,511.76-feet) and the longitudinal separation of the corresponding monuments being 0 degrees 0 minutes 57.40924", the proportioned longitude fell east of the South Quarter-Corner of Section 31; therefore, POINT #17,020 (Southeast Corner, Section 31) and POINT #17,001 (South Quarter-Corner, Section 31) defined the appropriate controlling Senior Line that the North Quarter-Corner of Section 6 was determined to lie upon. The resulting location of the North Quarter-Corner of Section 6 (POINT #715) fell approximately 85-feet east of the centerline of Breeden Road and along a faint east-west possession line. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The uncertainty of POINT #715 is approximately 3-feet and is generally based upon the combined uncertainties of the monuments depicted on this survey plot along the Township Line.

POINT #17,001 (South Quarter-Corner, Section 31): A 1-1/2" steel rod was found 1" below grade in accordance with the above-referenced Document #2006020052 (Deckard survey-"Yum") as well as the corresponding Section Corner tie sheet sketch found in the Monroe County Surveyor's Section Corner Perpetuation records and was accepted as marking the South Quarter-Corner of Section 31. The uncertainty of POINT #17,001 is approximately 0.5-feet and is generally based upon the RPA of this survey.

POINT #718 (South Quarter-Corner, Section 6): The monument of "DRAFT" status referenced by the Monroe County Surveyor's Office at the beginning of this survey was a 1" iron pipe 6" above grade leaning east. After field investigation and review, it is believed by this Surveyor that this pipe was set as part of a survey by Henry J. Dorman in 1974 (McDonald Place Tracts 1 & 2) to mark a local boundary corner and NOT the South Quarter-Corner of Section 6. A review the Original Government Notes indicated that the total length of the South Line of Section 6 was set as 71.18 chains (4,697.88 feet), with 40-chains (2,640-feet) along the Southeast Line of the Section and 31.18-chains (2,057.88-feet) closing on the Range Line. The point-to-point distance from POINT #17,013 (Southeast Corner, Section 6) to POINT #717 (Southwest Corner, Section 6) as determined this 2011 survey was 4,671.62-feet (roughly 70.78-chains), yielding a total difference of only plus or minus 26.26-feet from the Original measure. The aforesaid Dorman pipe lies approximately 151-feet east of a single-proportioned reestablished position of the South Quarter-Corner of Section 6. Also noted in the Original Government Notes was the crossing of a "brook (now known as "Indian Creek") 10 links (6.6-feet) wide" at 35.00-chains from the Southeast Corner of Section 6, being 5.00-chains (330-feet) east of the South Quarter-Corner as Originally Established. At the date of the field work for this survey, the width of Indian Creek measured approximately 40-feet wide. It is believed that the general location of Indian Creek has not shifted from it's position during the Original Survey of Township 7 North, Range 2 West (1815), and it's very probable that the 1815 centerline location could lie within the current "top-of-bank to top-of-bank" span. Along most of the South Line of Section 6 lying west of Indian Creek lied a fence line ranging from approximately 1-foot north to 8-feet south of said Section Line. A thorough investigation approximately 40-feet east and west of a single-proportioned location of the South Quarter-Corner of Section 6 led to NO evidence of north/south possession lines, NO ferrous-type survey markers, several loose surface staves, but none of Section Corner-marking character suspicion. After this, it was determined to reestablish the South Quarter-Corner of Section 6 by a slightly modified single-proportionate method, as follows. The position of longitude was determined by single-proportioning between POINT #17,013 and POINT #717, while the north/south position was determined by projecting westerly a line beginning at POINT #17,013 and POINT #16,010 (Dorman pipe)(as the proportioned location fell west of the Dorman pipe). This location fell approximately 1-foot north of the east/west fence discussed above. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The east/west uncertainty of this reestablished position of the South Quarter-Corner of Section 6 (POINT #718) is approximately 27-feet and is based upon the total length of the South Line of Section 6 as discussed above. The north/south uncertainty of POINT #718 is approximately 4-feet and is generally based upon the fence lines as also discussed above.

POINT #716 (Center of Section 6): No monument or geographic location was found in the Monroe County Surveyor's Section Corner Perpetuation records for this Corner, nor did there appear to be any record in the Legal Survey Books concerning this Corner being established. A thorough search was made of an approximate 100-foot radius centered at the bearing-bearing intersection of the North/South and East/West Quarter-Corner of Section 6 as described above for any signs of a survey marker for the Center of Section 6. At said Center, an east/west fence line was found to lie approximately 1-foot to the south. A fence line with an approximate 8-degree skew west of North was found intersecting this east/west fence line approximately 27.5-feet to the west, but is believed by this Surveyor NOT to mark or witness the Center of Section 6, but only a local boundary or title corner. No other north/south possession lines or monuments were found in the area. The Center of Section 6 was therefore established this survey via bearing/bearing intersections of the North/South and East/West Quarter-Corners (POINT #715/POINT #718 and POINT #17,012/POINT #719, respectively) discussed above and fell (as mentioned previously) approximately 1-foot north of the east/west fence line and approximately 45-feet south and 73-west of the 2011 location of Indian Creek. The Monroe County Surveyor met this Surveyor in the field to review this location on April 25, 2011, at which time he did not provide a negative opinion as to this location. The uncertainty of POINT #716 is approximately 15-feet and is generally based upon the uncertainties of said Quarter-Corners.

B.L.A. "M" BLOCK	EXHIBIT DRAWING			SURVEY EXHIBIT CORNWELL SITE SECTION 6, T7N, R2W, 2ND P.M. MONROE COUNTY, INDIANA				
				Prepared By: BERNARDIN • LOCHMUELLER & ASSOC., INC. 6202 Vogel Road, Cornwell, IN 47715 (812)479-6202 Toll Free 1-822-423-7411 Fax (812)479-6202				
Sheet 4 of 4								
	ISSUED	0	05/11/11					
	REVISION	NO.	DATE	DRAWN BY: M.Bodger	CHECKED BY: M.Bodger	SCALE: N/A	DATE: 05/11/2011	SIA PROJECT NO.: 106-0159-05V/105V/SV43

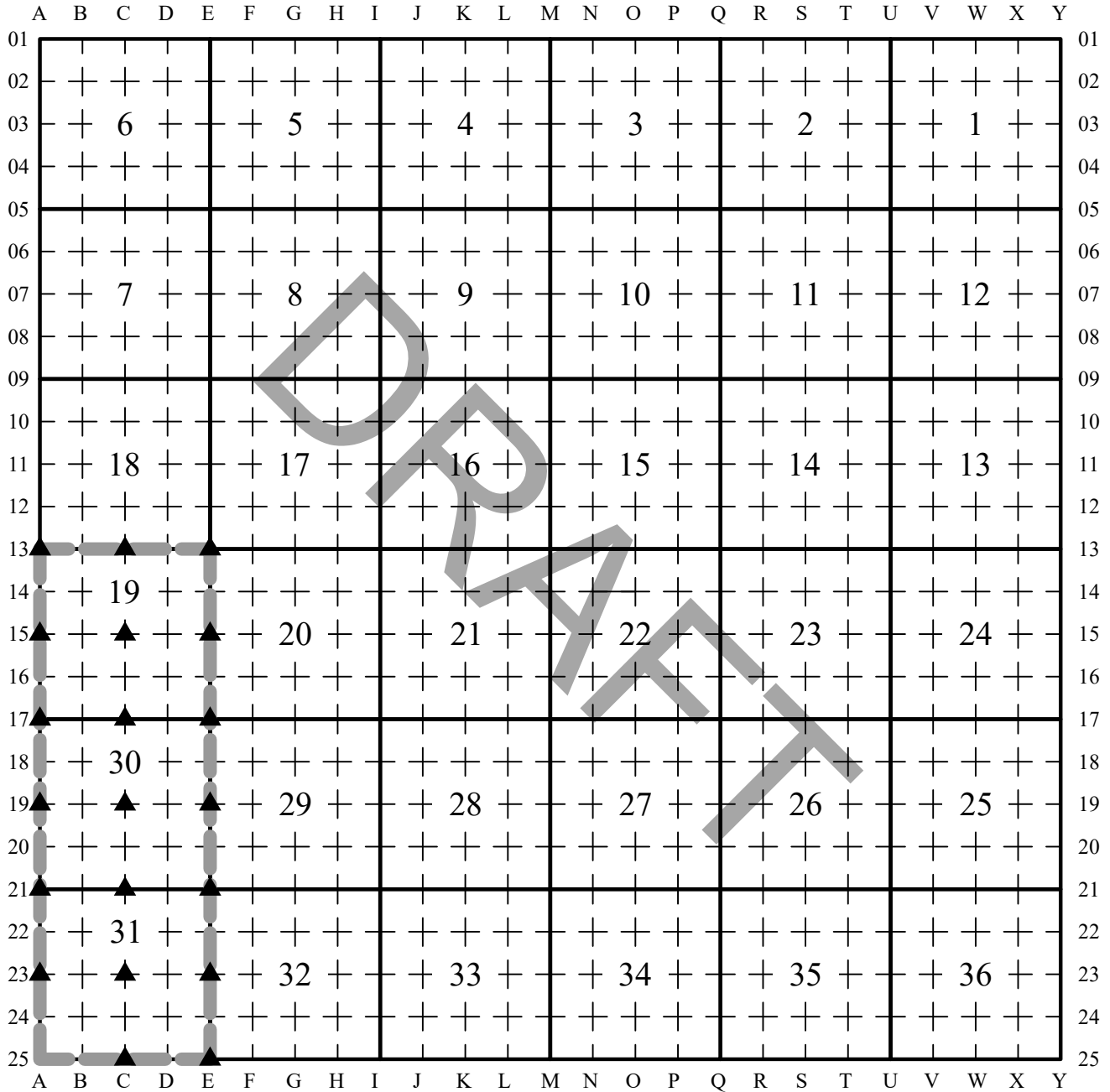
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MONUMENT RECORD INDEX GUIDE

TOWNSHIP 8 NORTH - RANGE 2 WEST

VAN BUREN TOWNSHIP

MONROE COUNTY, INDIANA



Oser Surveying & Mapping LLC

4632 E Rocky Road, Bloomfield, IN 47424
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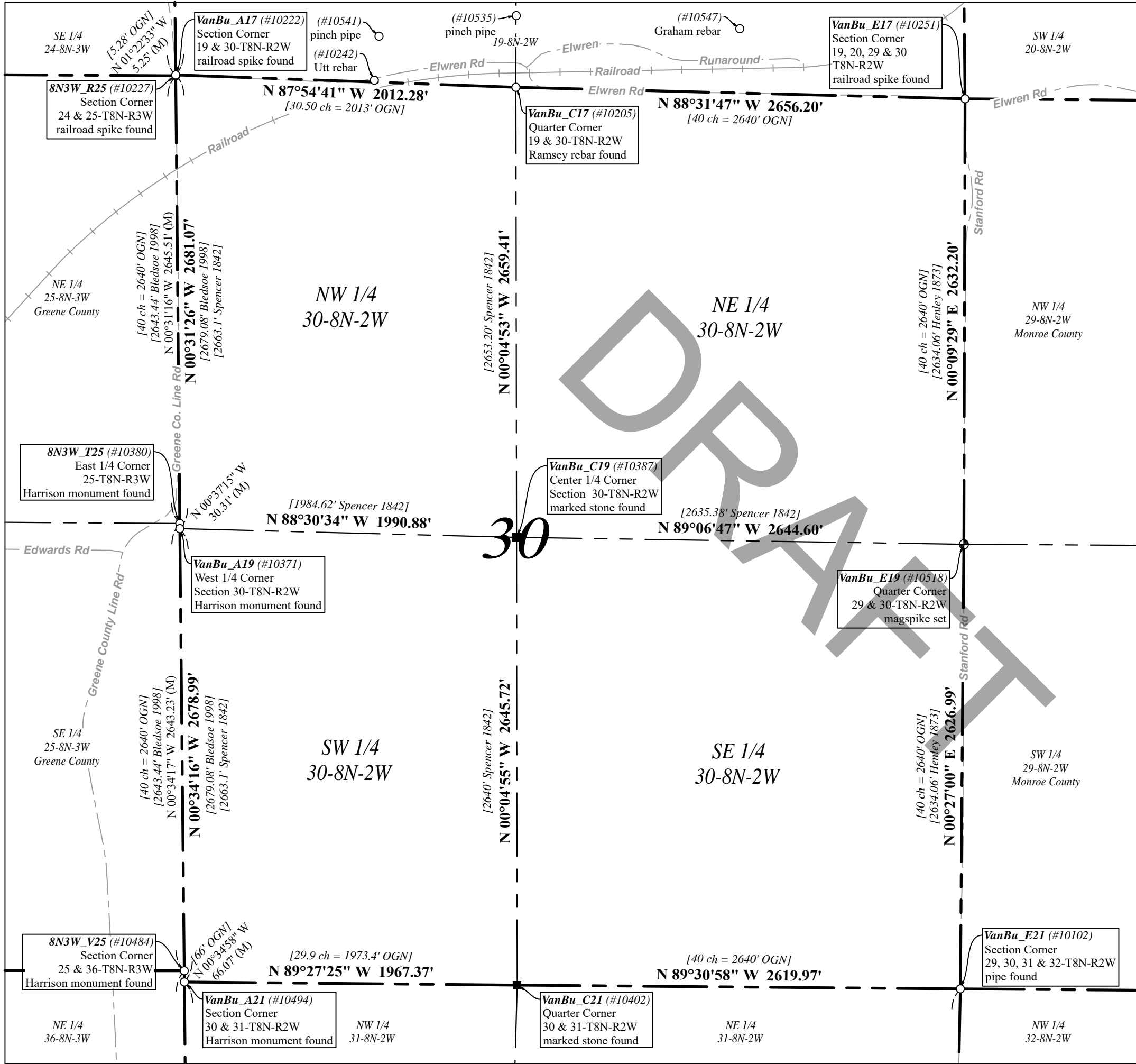
CORNER PERPETUATION SURVEY

SECTIONS 19, 30, & 31

TOWNSHIP 8 NORTH - RANGE 2 WEST - 2nd PM,
VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA
PREPARED FOR THE MONROE COUNTY SURVEYOR

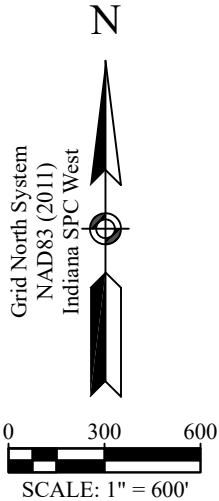
PROJECT#
10269

SHEET#
1 OF 76



I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. -Rachel Oser

LOCATION REFERENCE MAP
TOWNSHIP 8 NORTH - RANGE 2 WEST
NOT TO SCALE



NOTES


- This document is not complete without the associated Report of Survey.
- Field work was performed in May and August, 2024.
- Sixteenth-section corners, corners of minor subdivision, and property corners were not evaluated in any way unless shown hereon or specifically discussed in the Report of Survey. Bearing breaks may exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis.
- All distances are measured unless otherwise noted.
- The Basis of Bearings for this survey is Grid North (Indiana State Plane West Zone) based on GPS observations. See attached Report of Survey for detailed parameters.
- Measured and calculated distances shown hereon are US survey feet grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distance to ground, multiply by a combined scale factor of 1.000051044.

LEGEND

[XX' Burr 1859]	RECORD DISTANCE, SURVEYOR, YEAR
[XX' OGN]	ORIGINAL GOVERNMENT NOTES DISTANCE
00.00'	MEASURED DISTANCE (PRIMARY)
(M)	MEASURED DISTANCE (ACCESSORY)
N03	CORNER RECORD INDEX ID
(#10184)	OSM SURVEY POINT NUMBER
○	IRON MONUMENT FOUND
⊕	IRON MONUMENT SET
■	STONE FOUND
⊗	CALCULATED CORNER NO MONUMENT
---	APPROX. ROAD CENTERLINE PER GIS
---	SECTION LINES
---	INTERIOR SECTION LINES

PROJECT#
10269

SHEET#
3 OF 76


Rachel Oser
State of Indiana
Professional Surveyor 21100022
Certified: September 17, 2024
Date of last revision: September 17, 2024

CORNER PERPETUATION SURVEY
VAN BUREN TOWNSHIP SECTIONS 19, 30 & 31
SECTION 30 - TOWNSHIP 8 NORTH - RANGE 2 WEST
2nd PM, VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA
SURVEY PERFORMED FOR THE MONROE COUNTY SURVEYOR

Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
Rachel@OserSurveying.com • 812.320.2694

REPORT OF SURVEY:

In accordance with Title 865, Article 1, Chapter 12 of the Indiana Administrative Code ("Rule 12"), the following observations and opinions are submitted regarding the various uncertainties in the locations of the lines and corners established by this survey as a result of uncertainties in reference monumentation; in record descriptions and plats; in lines of occupation; and as introduced by random errors in measurement ("Relative Positional Accuracy"). There is an amount of uncertainty along any line or at any corner equal in magnitude to the discrepancy in the location of the lines of possession (and survey points found) from the surveyed lines and corners. There may be unwritten rights associated with these uncertainties. Any uncertainty associated with the corners shown hereon is inherently passed to any parcel corner dependent on its position.

There may be differences in record dimensions versus measured dimensions along the surveyed lines shown hereon. Likewise, there may be found survey markers near, but not precisely at, some boundary corners. In cases where the magnitude of these differences is less than the Relative Positional Accuracy and less than the uncertainty identified for the reference monumentation (discussed below), the differences may be considered insignificant and are shown only for purposes of mathematical closure. Such differences that are greater than the Relative Positional Accuracy and the uncertainty in reference monumentation should be considered worthy of notice and are therefore discussed further below.

The Relative Positional Accuracy for this survey is within the specifications of an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.


The basis of bearings is the Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, Geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover), or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Except for distances to witness ties, measured and calculated distances shown hereon are grid distances and have not been adjusted to ground (record distances have not been adjusted and may be grid or ground). To convert grid distances to ground, multiply by a combined scale factor of 1.000051044.

Fieldwork was performed by Oser Surveying & Mapping in May and August 2024. Unless otherwise noted, survey monuments noted as an "Oser rebar" are a 5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS# 21100022". Survey monuments noted as a mag spike set are a 6" long mag spike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022".

Unless otherwise noted, new bearing tree (BT) diameters are noted as dbh (diameter breast height) and were measured approximately 4.5 feet above grade. Distances are ground and were measured with a 100' steel tape from the monument to a position approximately one foot above grade and perpendicular to the center of the tree. Bearings are grid and were measured with the internal compass of the Javad Triumph LS rover from the monument to the center of the BT.

Unless otherwise noted, witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2" mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with an orange plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Rebarlites were measured by RTK or radially with a conventional total station (Nikon Nivo) from points established by RTK.

The purpose of this survey was to perpetuate the section corners, quarter section corners, and center quarter of section corners in Sections 19, 30, and 31 – Township 08 North – Range 02 West, 2nd Principal Meridian, Van Buren Township, Monroe County, Indiana. Sixteenth-section corners, corners of minor subdivisions, and property corners were not evaluated in any


 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 19, 30 & 31 TOWNSHIP 8 NORTH – RANGE 2 WEST – 2nd PM, VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR	
	PROJECT# 10269	SHEET# 5 OF 76

way unless specifically discussed herein. Bearing breaks may exist between section corners and quarter corners that are not shown. Bearings and distances are shown hereon to correlate corners and to assist in corner analysis. The relationship of the section/half section corners to the adjoining parcel boundary lines was not addressed. The section and half section lines shown hereon should not be construed as defining actual property lines and corners as in a retracement or original survey. Only those occupation lines in the immediate vicinity of the corners perpetuated (as depicted or discussed on the Monroe County Monument Records included with this report) were analyzed as part of this survey.

REFERENCE SURVEYS, PLATS & MAPS:


Reference survey records were obtained from the Monroe County Surveyor (MCSO), the Greene County Surveyor (GCSO), the Monroe County Recorder (MCR), the Greene County Recorder (GCR), the Monroe County Auditor (MCA), and the Indiana Department of Transportation. Deed records were evaluated in the immediate vicinity of some corners, mainly in the case of corners with an uncertain pedigree. The following is a complete list of the surveys consulted and deemed relevant to this project. Additional survey records that were reviewed but not used for any analysis related to this project are not included below. The survey records that were reviewed but not included were redundant, illegible, or did not contain useful ties to PLSS corners.

Date	Surveyor	Description	File Location
1811	Alexander Holmes	Original Government Survey East line of Township 8 North – Range 3 West South line of Township 8 North – Range 2 West	https://archive.org/details/@indiana_historical_land_records
1815	Arthur Henrie	Original Government Survey Township 8 North – Range 2 West Township 7 North – Range 2 West	https://archive.org/details/@indiana_historical_land_records
1800s	Greene County Surveyor	Greene County Perpetuation Index for Sections 13, 24, 25, and 36-T8N-R3W	GCSO Perpetuation Index
08/21/1838	Kelshaw, John B.	Legal Survey in Sections 24 & 25-8N-3W	GCSO SR1, page 53
3/30/1842	Brown, J.C.	Legal Survey in Section 36-8N-3W	GCSO SR1, page 132
09/09/1843	Spencer, J.W.	Legal Survey in Section 30-8N-2W	MCSO LSB1, page 79
03/17/1854	Woodburn, James	Legal Survey in Section 17-8N-2W	MCSO LSB1, page 267
06/18/1858	Woodburn, James	Legal Survey in Section 31-8N-2W	MCSO LSB2, page 16
04/01/1859	Woodburn, James	Legal Survey in Section 32-8N-2W	MCSO LSB2, page 43
11/29/1859	Woodburn, James	Legal Survey in Section 19-8N-2W	MCSO LSB2, page 20
01/01/1862	Woodburn, James	Legal Survey in Section 18-8N-2W	MCSO LSB2, page 73
03/15/1864	Spencer, James	Legal Survey in Section 19-8N-2W	MCSO LSB2, page 87
04/04/1873	Henly, H	Legal Survey in Section 29-8N-2W	MCSO LSB2, page 218
08/14/1890	Buskirk, M.	Legal Survey in Section 6-7N-2W	MCSO LSB2, page 492
06/30/1915	Railroad	Illinois Central Railroad - Indianapolis to Switz City - Right-of-Way and Track Map Station 3375+39 to Station 3533+72 MP 1-64 to MP 1-67	Oser Surveying
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec. C	INDOT


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06/03/1966	Stapleton, John	Virgil-Taylor Tract in Section 6-7N-2W	MCSO RSID001723
07/06/1967	Dorman, Henry	Survey of 4-acre tract in Section 36-8N-3W	GCSO
09/19/1971	Utt, Lee	Survey of Sullivan Tract for Hudson in 1-7N-3W	GCR DE204-418
12/06/1973	Pinnick, C.M.	Survey of 140.92 acres in Section 20-8N-2W	MCA
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO RSID005178
08/31/1976	Graham, Raymond	Clyde Kelly 25-acre survey in Section 6-7N-2W	MCSO RSID001724
10/15/1979	Utt, Lee	Survey of 2 tracts in Section 19-8N-2W for Phil Jolly	Deckard Land Surveying
c. 1970s	Unknown (believed to be by Graham, Raymond)	Corner plat for Section 6-7N-2W Corner plat for Section 19-8N-2W	MCSO
10/10/1977	Brunnemer, Robert	Survey of 87.17 acres in Section 29-8N-2W	MCA
04/16/1981	Farkas, Edmund	5 acres in Section 30-8N-2W	MCSO
02/21/1983	Farkas, Edmund	Survey of 149.02 acres in Section 19-8N-2W	MCR 2013015591
01/13/1986	Cobb, Gary	Four tracts in Section 36-8N-3W	GCR DE259-363
06/21/1989	Bledsoe, Ben	Hinds Road Survey on Section 32-8N-2W	MCR 1990004496
07/12/1989	Graham, Raymond	23.91-acre survey in Section 6-7N-2W	MCSO RSID001722
02/01/1990	Utt, Lee	Survey for Sparks in Section 24-8N-3W	GCR 1990-2885
04/03/1990	Utt, Lee	Survey for Crohn in Section 29-8N-2W	MCR 1990010652
06/19/1992	Mundy, Michael	Survey in Section 25-8N-3W	GCR 1992-5919
01/14/1993	Steele, William Mac	Survey for Risk in Sections 17, 18, & 20-8N-2W	MCR 00310597
08/05/1993	Ramsey, Stephen	S Breeden Road Preliminary Plat of two 3.46-acre tracts in Section 31-8N-2W	MCSO RSID002509
01/15/1994	Ramsey, Stephen	Survey for Turner in Section 32-8N-2W	MCR 00503294
11/30/1995	Archer, Steven	Survey for Starnes in Section 30-8N-2W	MCSO
02/10/1996	Archer, Steven	Breeden Estates Subd. in Section 6-7N-2W	MCR 719071
06/13/1997	Bledsoe, Ben	Survey for Land of Indiana in Sections 19, 20, & 29-8N-2W	MCR 00801638
01/29/1998	Utt, Lee	Survey for Hoyt in Section 24-8N-3W	GCR 1998-4493
01/29/1998	Utt, Lee	32.57-acre survey for Hoyt in Section 19-8N-2W	MCR 00825642
04/30/1998	Bledsoe, Ben	Greene County Corner Perpetuation for Sections 22 through 28 and Sections 33 through 36-T8N-R3W	GCSO (BTR Job #2319)
02/26/1999	Utt, Lee	Survey for Harris in Section 30-8N-2W	MCR 00906020
09/17/1999	Cobb, Gary	Elwren Subd. in Section 19-8N-2W	MCR 1999019385

04/24/2000	Graham, Raymond	Blake Minor Subdivision in Section 30-8N-2W	MCR 2000009453
05/15/2000	Utt, Lee	Survey for Hoffman in Section 36-8N-3W	GCR 2001-0084
08/18/2000	Tibbett, James	Survey for Jolly in Section 24-8N-3W	GCR 2001-4508
05/01/2001	Graham, Raymond	Cardwell 3 Tract Type E in Sections 19 & 20-8N-2W	MCA
06/01/2001	Bledsoe, Ben	Greene County Corner Perpetuation for Sections 1 through 18-T8N-R3W	GCSO (BTR Job #3473)
11/16/2002	Campbell, Steven	Survey of 5.08 acres in Section 24-8N-3W	GCR 2003-0536
03/27/2003	Bledsoe, Ben	Legal Survey for Guerrettaz in Section 20-8N-2W	MCR 2003009330
04/17/2003	Utt, Lee	Harrington and Grubb survey in Section 32-8N-2W	MCR 2003035602
05/01/2003	Utt, Lee	New-Grubb Survey in Section 30-8N-2W	MCR 2003035601
11/19/2003	Utt, Lee	Hoyt 28-acre tract in Section 19-8N-2W	MCR 2004024121
06/28/2004	Graham, Charles D	Hammer Minor Subd. in Section 30-8N-2W	MCR 2004013880
04/05/2005	Campbell, Steven	Survey for Edington in Section 24-8N-3W	GCR 2005-2451
10/01/2005	Zimmer, James	141.61-acre survey for Land of Indiana in Section 20-8N-2W	MCR 2005019992
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
02/15/2007	Guerrettaz, Bernard	Pedro Minor Subd. in Section 29-8N-2W	MCR 2007003597
09/19/2007	Wilson, Ben H.	Conder Subdivision in Section 32-8N-2W	MCSO
11/08/2007	Tapp, Philip	Boundary survey for Langley in Sections 6 & 7-7N-2W	MCR 2007022637
11/15/2007	Tapp, Philip	Conder/Langley Type "A" Admin. Subd. Kirksville Road in Section 32-8N-2W	MCR 2007022634
04/22/2008	Tapp, Philip	Stanford Rd Boundary in Section 32-8N-2W	MCR 2008007545
05/15/2008	Tapp, Philip	Conder Minor Subdivision in Section 32-8N-2W	MCR 2008008449
12/16/2008	Tapp, Philip	Burch Road Minor Subd. in Section 6-7N-2W	MCR 2008020406
02/17/2009	Tapp, Philip	Conder Administrative Subdivision in Section 32-8N-2W	MCR 2009005821
06/18/2009	Guerrettaz, Bernard	Boundary Survey in Section 32-8N-2W	MCR 2009010427
02/09/2010	James, Marty	Don & Sue Conder Survey in Section 31-8N-2W	MCR 2010002259
12/08/2010	Badger, Matthew	Glasgow site in Sections 7 & 18-7N-2W and Sections 12 & 13-7N-3W	MCR 2011005764 GCR 2011-2902
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Section 6-7N-2W	MCSO RSID001727
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31-8N-2W	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey in Section 31-8N-2W	MCR 2011007526
06/06/2011	Compton, Randolph	SR 45 and Breeden Rd Route Survey in Section 31 in Section 31-8N-2W	MCR 2011007528

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06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sections 6 & 7-T7N-R2W	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7	MCR 2011010190 GCR 2011-2897
08/27/2012	Tapp, Philip	Dallas & Janet Conder Type A in Section 31-8N-2W	MCR 2012015149
11/19/2012	James, Marty	Fowler 400-acre farm in Sections 23, 25 & 26-8N-3W	GCR 2012-5661
11/19/2012	Tapp, Philip	Whaley Type A in Section 31-8N-2W	MCR 2012020021
03/15/2013	Tapp, Philip	Conder Type E in Section 32-8N-2W	MCR 2013004800
03/25/2013	Guerrettaz, Bernard	Boundary Survey for James Keith in Section 32-8N-2W	MCR 2022005980
12/02/2015	Ballard, Dustin K.	Bridge No.93 Route Survey in Sections 31 and 32-8N-2W	MCR 2015017121
01/26/2016	Deckard, Eric	Survey for Bellamy in Section 32-8N-2W	MCR 2016008240
10/19/2016	Deckard, Eric	Bellamy/Carmichael Survey in Section 32-8N-2W	MCR 2017004631
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Section 31-8N-2W	MCR 2018002164
10/03/2017	Tapp, Philip	Stanford Road Boundary in Section 30-8N-2W	MCR 2018004489
03/07/2018	Gwinn, Jess	Laherty Type "E" Admin. Subd. Final Plat in Section 17-8N-2W	MCR 2018009843
03/07/2018	Gwinn, Jess	Wayne's Cave Type "A" Admin. Sub. Amendment 1 to Tract 2- Final Plat in Section 17-8N-2W	MCR 2018009844
05/03/2018	Deckard, Eric	Harrington/Combs - Type E Admin. Subd. in Section 32-8N-2W	MCR 2018006334
06/27/2018	Deckard, Eric	Survey for Heist in Section 1-7N-3W	GCR 2018-2570
02/08/2019	Deckard, Eric	Van Arman/Elwren Type "E" Admin. Subd. in Section 20-8N-2W	MCR 2019007483
04/17/2019	Deckard, Eric	Cardwell Type "E" Admin. Subd. Final Plat Amendment One in Section 19-8N-2W	MCR 2019006267
04/22/2019	Deckard, Eric	Combs Boundary survey in Section 29-8N-2W	MCR 2019009859
06/04/2019	Wilken, Andrew E.	Hudson Boundary Survey in Section 28-8N-2W	MCR 2019009860
11/12/2019	Porter, Christopher	Retracement Boundary Survey of Lots 31 & 32 in the Town of Stanford located in Section 32-8N-2W	MCR 2022007704
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd. in Section 30-8N-2W	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Section 30-8N-2W	MCR 2020016690
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
05/31/2021	Deckard, Eric	Fowler/Conner Survey in Section 25-8N-3W	GCR 2021-3540
01/20/2022	Borgman, Todd	JLR Type E Administrative Subdivision Final Plat in Section 31-8N-2W	MCR 2022002218
09/20/2023	Oser, Rachel	Corner Perpetuation Survey for 6-7N-2W	MCR 2023011759
01/18/2024	Deckard, Eric	Rodman Survey in Section 32-T7N-R2W	MCR 2024002144

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MONUMENTS FOUND OR SET: Refer to the monuments keyed on the survey drawings by point number and Monroe County Corner Record Index ID. Monuments and corners evaluated in the process of this survey, the theory of location used to accept or establish these monuments and corners, and the surveyor's opinion of the uncertainties associated with these monuments and corners are as detailed below for accessory monuments and on the Monroe County Monument Records included with this report for primary monuments.


Greene County 8N3W_N25 (OSM #10119: *Section Corner common to Sections 13 & 24-T8N-R3W*): A 4" x 4" cut limestone with a chiseled "+" across the top was found 7" above grade. The stone was set by Monroe County Surveyor Raymond Graham as shown on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974, on file in the office of the Monroe County Surveyor. Graham set the stone at the record original falling north of the Section Corner common to Sections 18 & 19-T8N-R2W, which he also established in 1974. Ben Bledsoe accepted the cut limestone on his 1998 and 2001 Corner Perpetuation Surveys for Greene County.

Greene County 8N3W_P25 (OSM #10151: *East Quarter Corner of Section 24-T8N-R3W*): A 1/2" rebar with a yellow plastic cap stamped "UTT S-0089" was found 2" above grade next to a steel t-post. Lee Utt set the rebar per a survey for Sparks in Section 24-T8N-R3W dated February 01, 1990, and recorded in the office of the Greene County Recorder as Instrument Number 1990-2885. Measured and record dimensions indicate that Mr. Utt set the rebar at the midpoint between the stone at the Northeast corner of Section 24 (8N3W_N25 #10119) and the railroad spike that was held this survey as the Southwest corner of Section 19 (VanBu_A17 #10222). Utt's rebar was accepted by Ben Bledsoe on his 1998 Corner Perpetuation for Greene County and by Steven Campbell on a 5.08-acre survey in Section 24 recorded in the office of the Greene County Recorder as Instrument Number 2003-0536.

Greene County 8N3W_R25 (OSM #10227: *Section Corner common to Sections 24 & 25-T8N-R3W*): A railroad spike was found 0.2 feet below grade in the centerline of Greene County Line Road. Ben Bledsoe set the spike at the record original falling south of the railroad spike held this survey as the Southwest corner of Section 19-8N-2W (VanBu_A17 #10222) as shown on his 1998 Corner Perpetuation for the Greene County Surveyor. The railroad spike at #10222 has also been used by prior surveyors as the Section Corner common to Sections 24 & 25-8N-3W, introducing 5.28 feet of associated uncertainty to this corner.

Greene County 8N3W_T25 (OSM #10380: *East Quarter Corner of Section 25-T8N-R3W*): A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found flush with grade. The monument was set by Ben Bledsoe in 1998, as shown in his Corner Perpetuation for the Greene County Surveyor. Bledsoe reestablished the corner by proportionate measure between the stone found at the East Quarter Corner of Section 36 (8N3W_X25) and the railroad spike he set at the Northeast corner of Section 25 (8N3W_R25). A 2012 survey by Marty James recorded in the Greene County Recorder's Office as Instrument Number 2012-5661 depicted the Harrison Monument found at the West 1/4 Corner of Section 30 as the East 1/4 Corner of Section 25. The mistake carried over to a 2021 survey by Eric Deckard recorded as Greene County Instrument Number 2021-3540.

Greene County 8N3W_V25 (OSM #10484: *Section Corner common to Sections 25 & 36-T8N-R3W*): A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found 5" below grade. The Harrison monument is 5 feet east and 4.9 feet south of a railroad rail fence post with fence heading south and west. It was set by Ben Bledsoe in 1998, as shown in his Corner Perpetuation for the Greene County Surveyor. Bledsoe reestablished the corner by proportion between the stone found at the East Quarter Corner of Section 36 (8N3W_X25) and the railroad spike he set at the Northeast corner of Section 25 (8N3W_R25). Before Bledsoe's survey, the railroad rail post had been accepted as the Section Corner by Henry Dorman in 1967 and Gary Cobb in 1986. However, the Harrison Monument has consistently been accepted by subsequent surveyors, and we accepted it as the corner by common report with up to five feet of associated uncertainty.

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Greene County 8N3W_X25 (OSM #10443: *East Quarter Corner of Section 36-T8N-R3W*): A 0.7' x 0.3' sandstone with a cut "+" on top was found 0.1 feet below grade and 3 feet east of a north/south woven wire fence. The stone was set by Greene County Surveyor J.C. Brown on March 30, 1842, at the midpoint between the Northeast and Southeast corners of Section 36, as shown on a legal survey filed in Greene County Survey Record Book 1, pages 132-134. It was accepted by Ben Bledsoe in 1998, as shown on his Corner Perpetuation for the Greene County Surveyor, and was also accepted by James Tibbett in 2000 on a survey recorded as Greene County Instrument Number 2001-4508. We accepted the stone as the best evidence of the corner with no associated uncertainty.

InCr_C01 (OSM #2020: *North Quarter Corner of Section 6-T7N-R2W*): A 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top was found 3" above grade in an 8" concrete base. The original government surveyor did not establish this corner. The Harrison Monument was set in on June 28, 2011, by Matthew Badger of Bernardin Lochmueller & Associates at the proportionate distance west of the northeast corner of Section 6, as shown on his Boundary Retracement survey of the Cornwell site recorded as Instrument Number 2011008104. The monument was subsequently accepted in 2011 by Perry Jones and by the Monroe County Surveyor Review Board in 2011 and 2023.


InCr_E01 (OSM #2032: *Section Corner Common to Sections 5 & 6-T7N-R2W*): A 4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" was found 0.3 feet below grade. The magspike was set by Rachel Oser in 2023 to replace a 1-1/2" magnail found. The magnail was set by Philip Tapp in 2007 based on ties to several pk nails found per record documents. In 2011, Matthew Badger held the magnail as a witness to the closing corner. The closing corner should fall on the senior township line, which falls 1.1 feet north of the magnail. Badger chose not to monument his calculated location to avoid confusion. The magnail was accepted by the Surveyor Review Board in 2011 and 2017, and the magspike was accepted by the Surveyor Review Board in 2023.

VanBu_GL3 (OSM #10525: *Quarter Corner Common to Sections 17 & 20-T8N-R2W*): A 4" x 4" cut limestone with a "+" across the top was found 8" above grade in a rock cairn next to a steel t-post with a no trespassing sign and a steel u-post with a Monroe County Survey Marker sign. The stone is on a wooded north slope about 25 feet north of the north side of an old east/west roadbed. Old wire fence remains were observed in trees heading west from the stone. The monument was set by Monroe County Surveyor Raymond Graham as shown on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974, on file in the office of the Monroe County Surveyor. It was witnessed by Monroe County Surveyors Edmund Farkas (February 17, 1983), Michael Friley (March 28, 1995), and Trohn Enright-Randolph (February 20, 2024). We located the stone as a tie to the 1974 Graham survey and a 2005 survey by James Zimmer recorded as Instrument Number 2005019992.

Twpcor_V (OSM #2043: *Township Corner Common to Section 31-T8N-R2W, Section 6-T7N-R2W, Section 36-T8N-R3W, and Section 1-T7N-R3W*): An 8" x 4" stone with a deep chiseled "+" on top was found flush on the south side of a 4-way fence intersection. The origin of this stone is unknown, but it is similar in size and shape to the stones most frequently set by the county surveyors of the 1800s. It first appeared in the modern survey record in 1971, when Lee Utt accepted it. The stone has been accepted on all subsequent surveys of record, and we accepted it as the best evidence of the corner with no associated uncertainty. The Monroe County Surveyor Review Board accepted it in 1997 and 2023.

#10106: (*Point on the west line of the Northwest quarter of Section 19-T8N-R2W*): A 3/4" i.d. iron pipe was found 3" above grade leaning west next to a steel t-post. Raymond Graham set the rebar on the line between the stone at VanBu_A13 and the railroad spike at VanBu_A17. It was accepted by Lee Utt in 1998 and 2003, as shown on surveys in Section 19-T8N-R2W performed for Hoyt recorded as Instrument Numbers 00825642 and 2004024121.

#10108: (*Point on the east line of the Northeast quarter of Section 24-T8N-R3W*): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 5" above grade next to a t-post. The rebar was set by Lee Utt on the line between the stone

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at VanBu_A13 and the Utt rebar at 8N3W_P25, as shown on a survey for Hoyt dated January 29, 1998, and recorded in the office of the Greene County Recorder as Instrument Number 1998-4493.

#10137: (Near the east line of the Northwest quarter of Section 19-T8N-R2W): A 1" o.d. pinch top iron pipe was found 6" above grade next to a steel t-post and in line with other posts to the north and south. The pipe was set by Raymond Graham as depicted on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974. Mr. Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. The pipe is 22.62 feet west of the east line of the quarter, as established by this survey.


#10139: (Northeast corner of a 32.57-acre tract in the Northwest quarter of Section 19-T8N-R2W surveyed by Lee Utt on a survey dated January 29, 1998, and recorded as Instrument Number 00825642): A 3/4" i.d. iron pipe was found 1" above grade next to a steel t-post and in line with other posts to the north. The pipe was set by Raymond Graham as depicted on his survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974. Mr. Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. The pipe was accepted by Lee Utt in 1998, but it is 20.26 feet west of the east line of the quarter, as established by this survey.

#10150: (Southwest corner of a 4.46-acre tract in the Northwest quarter of Section 19-T8N-R2W): A 3/4" pinch top pipe was found 6" above grade at the northwest base of a 12" wooden corner post with fence to the south and east. The pipe was set by Lee Utt at the West 1/4 corner of Section 19, as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets found in Mr. Utt's file indicate that the pipe was set at an existing fence corner. The pipe is 9.71 feet west of the Range Line, as later established by Mr. Utt between the stone at the Northwest corner of Section 19 (VanBu_A13 #10110) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222). We held the pipe to establish the south line of the Northwest quarter of Section 19 but did not accept it as the quarter corner.

#10154: (Point on the east line of the Southeast quarter of Section 19-T8N-R2W): A 5/8" rebar with a yellow plastic cap stamped "GRAHAM PC ...14" was found flush 17.3 feet west of a north/south fence and S 00°39'32" E 275.23 feet from the cut limestone at VanBu_E15. It was set by Raymond Graham online between the cut limestone at VanBu_E15 and the railroad spike at VanBu_E17 as shown on the Cardwell 3 Tract Type E Administrative Subdivision dated May 1, 2001, and on file in the office of the Monroe County Auditor.

#10167: (Near the east line of the Northeast quarter of Section 19-T8N-R2W): A 3/8" rebar was found flush next to a steel t-post and 1.3 feet east of a north/south fence. The origin of the rebar is unknown. It is 12.61 feet east of the east line of the Northeast quarter of Section 19 and N 1°32'49" E 381.13 feet from the stone found at VanBu_E15.

#10182: (S 1°41'48" W 88.16 feet from the calculated East 1/16 Corner common to Sections 18 and 19-T8N-R2W): A 1/2" rebar was found 4" above grade next to a steel t-post. The rebar was set by Edmund Farkas, as shown on his survey of 149.02 acres in Section 19, dated February 21, 1983, and recorded as Instrument Number 2013015591. The Farkas survey does not include a section breakdown, but based on the provided dimensions and monuments located in this survey, we can infer that he set the North 1/4 corner of Section 19 (VanBu_C13) based on proportionate measurements between the cut limestones at the Northwest corner (VanBu_A13) and the Northeast corner (VanBu_E13) of Section 19. The 1/2" rebar is labeled on the 1983 survey as the 1/16 corner, so it should have been established at the midpoint between the North 1/4 corner and the Northeast corner of Section 19. However, it appears that an error was made, and the rebar was placed at a significant skew off the north line of the Northeast quarter. The 1/2" rebar was useful as a tie to the Farkas survey, but it is 88.12 feet south and 2.61 feet west of the 1/16 corner, as calculated for this survey.

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#10184: (N 89°44'17" W 1287.98 feet from the cut limestone at the East 1/4 Corner of Section 19-T8N-R2W): A 5/8" rebar with a yellow plastic cap stamped "DECKARD 29900012" was found 4" above grade and 1.2 feet west of a north/south wire fence. The rebar was located as a tie to the Cardwell Type E Administrative Subdivision Amendment One by Eric Deckard, dated April 17, 2019, and recorded as Instrument Number 2019006267.

#10193: (Southeast corner of a 4.46-acre tract in the Northwest quarter of Section 19-T8N-R2W): A 3/4" pinch top pipe was found 6" above grade and 1.25 feet north of an east/west fence. It was set by Lee Utt on the south line of the Northwest quarter of Section 19, as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets found in Mr. Utt's file indicate that the pipe was set in an existing east/west fence. The pipe is located 0.35 feet north of the south line of the Northwest quarter of Section 19.


#10195: (Southeast corner of a 15-acre tract in the Northwest quarter of Section 19-T8N-R2W): A 3/4" galvanized pinch top pipe was found 5" above grade and 1.5 feet north of an east/west fence. It was set by Lee Utt on the south line of the Northwest quarter of Section 19, as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets found in Mr. Utt's file indicate that the pipe was set in an existing east/west fence. We held the pipe, along with the pipe found at #10150, to establish the south line of the Northwest quarter of Section 19.

#10200: (Southeast corner of a 32.57-acre tract in the Northwest quarter of Section 19-T8N-R2W surveyed by Lee Utt as shown on a survey dated January 29, 1998, and recorded as Instrument Number 00825642): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 6" above grade next to a steel t-post. Mr. Utt held the south line of the 32.57-acre tract parallel with the three pinch-top pipes found along the south line of the Northwest quarter of Section 19 (#10150, #10193, and #10195). His establishment of the east line of the Northwest quarter was based on Raymond Graham's survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W dated July 11, 1974. There are some inconsistencies in the dimensions provided on the Townsend survey, but we believe that Mr. Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. The rebar is 17.94 feet west of the east line of the quarter, as established by this survey.

#10203: (Northwest corner of a 4.46-acre tract in the Northwest quarter of Section 19-T8N-R2W): A 3/4" galvanized pinch top pipe was found 7" above grade. Lee Utt set it between the stone at VanBu_A13 (#10110) and the pinch pipe at #10150, which Mr. Utt set as the West 1/4 Corner of Section 19 (VanBu_A15) as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. The pipe is located 12.03 feet west of the west line of the Northwest quarter of Section 19, as later established by Lee Utt, between the stone at the Northwest corner of Section 19 (#10110) and the railroad spike at the Southwest corner of Section 19 (#10222).

#10242: (Northeast corner of a 2.73-acre tract in the Northwest quarter of Section 30-T8N-R2W depicted as Tract 2 on the George & Mildred Harris survey by Lee Utt dated February 26, 1999, and recorded as Instrument Number 00906020): A 5/8" rebar with a yellow plastic cap stamped "UTT S-0089" was found 2" above grade on the south side of Elwren Road. The rebar was set by Lee Utt in 1999 on the line between the railroad spike found at the Northeast corner of Section 30 (VanBu_E17) and the railroad spike set by Mr. Utt as the Northwest corner of Section 30 (VanBu_A17). The railroad spike set by Mr. Utt was not found. He set it 5.28 feet north of the railroad spike at #10222, which we accepted as the Northwest corner of Section 30. The rebar is 11.25 feet north of the north line of the Northwest quarter of Section 30, as established by this survey.

#10360: (Northwest corner of Tract 1 in the Larry Conder Type A Administrative Subdivision recorded as Instrument Number 2011008370 located in Section 31-T8N-R2W): A 5/8" rebar with a yellow plastic TAPP cap was found 0.3 feet below grade. The rebar is 1.11 feet east of the line between the drill steel found at the South 1/4 Corner of Section 31 (VanBu_C25) and the stone found at the North 1/4 Corner of Section 31 (VanBu_C21). The rebar was held to calculate the

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 19, 30 & 31 TOWNSHIP 8 NORTH – RANGE 2 WEST – 2nd PM, VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR	
	PROJECT# 10269	SHEET# 13 OF 76

Center of Section 31 by Compton, Deckard, and Borgman, and we also used it to calculate the Center 1/4 corner of Section 31. Additional details are noted in the Monument Record for VanBu_C23.

#10535: (Near the Southeast corner of Elwren Subdivision Lot 3, recorded as Instrument Number 1999019385, located in the Southwest quarter of Section 19-T8N-R2W): A 1" pinch top pipe coated in black rubber was found 10" above grade and bent east at the east base of a railroad tie corner post with distinct fence remains heading north, south, and west. A similar pipe was found at another corner of Elwren Subdivision (#10541). The pipe is 1.60 feet east of the east line of the Southwest quarter of Section 19, as established by this survey. The origin of the pipes is unknown.

#10541: (Near a corner of Elwren Subdivision Lot 1 recorded as Instrument Number 1999019385 located in the Southwest quarter of Section 19-T8N-R2W): A 1" pinch top pipe of unknown origin was found coated in black rubber, 4" below grade, and 5.4 feet north of an east/west fence. A similar pipe was found at another corner of Elwren Subdivision (#10535).

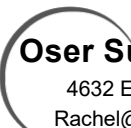
#10547: (Near the East line of the West half of the Southeast quarter of Section 19-T8N-R2W): A 5/8" rebar with an orange plastic cap stamped "GRAHAM PC 9800014" was found 2" above grade at the southwest corner of a fence post with fence to the east and north. The rebar is 2.17 feet west of the theoretical east line of the West half of the Southeast quarter of Section 19, as calculated at the midpoints of the north and south lines of the quarter. The rebar was set by Raymond Graham, as shown on the Cardwell 3 Tract Type E dated May 1, 2001, and filed in the office of the Monroe County Auditor.

#10553: (Southwest corner of Tract 3 in the Larry Conder Type A Administrative Subdivision recorded as Instrument Number 2011008370 located in Section 31-T8N-R2W): A 5/8" rebar with a yellow plastic TAPP cap was found flush 0.3 feet west of the line between the Tapp rebar found at #10360 and the drill steel found at the South 1/4 Corner of Section 31 (VanBu_C25). The rebar is on the line between the drill steel found at the South 1/4 Corner of Section 31 (VanBu_C25) and the stone found at the North 1/4 Corner of Section 31 (VanBu_C21).

#10578: (Point on the north/south center line of Section 31-T8N-R2W also being a corner common to Lot 1 of Armstrong Type E (Instrument Number 2021009153) and Lot 1 of JLR Type E (Instrument Number 2022002218): A 5/8" rebar with a blue plastic Deckard cap was found 6" above grade and 7.9 feet east of a north/south fence. The corner was located as a tie to the two Type E subdivisions noted above. It was found to be online between the stone at the North 1/4 Corner of Section 19 (VanBu_C21) and the Tapp rebar found at #10360.

POINT TABLE:

Number	Northing	Easting	CornerID	Description	Found/Set
2020	1395743.83	3068464.36	InCr C01	HARRISON MONUMENT	FOUND
2032	1395714.87	3071113.42	InCr E01	MAGSPIKE	FOUND
2043	1395748.35	3066586.03	TwpCor V	STONE	FOUND
2044	1395745.16	3068350.82	VanBu C25	1-1/2" DRILL STEEL	FOUND
2045	1395714.69	3070990.26	VanBu E25	5/8" REBAR	FOUND
5695	1398337.89	3068425.14	VanBu C23	CALCULATED	CALC
5729	1408873.85	3066450.10	VanBu A15	OSER REBAR	SET
5732	1408855.48	3068493.72	VanBu C15	OSER REBAR	SET
10102	1400928.89	3071117.73	VanBu E21	PIPE	FOUND
10106	1410201.75	3066435.17	N/A	3/4" PIPE	FOUND
10108	1410426.34	3066432.55	N/A	UTT REBAR	FOUND
10110	1411428.42	3066421.24	VanBu A13	CUT LIMESTONE	FOUND
10119	1411600.81	3066419.45	8N3W N25	CUT LIMESTONE	FOUND
10123	1411442.93	3068487.34	VanBu C13	1/2" REBAR	FOUND
10137	1410455.34	3068467.15	N/A	PINCH PIPE	FOUND
10139	1410220.51	3068470.09	N/A	3/4" PIPE	FOUND

 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 19, 30 & 31 TOWNSHIP 8 NORTH – RANGE 2 WEST – 2nd PM, VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR		PROJECT# 10269
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10150	1408873.94	3066440.39	WIT. TO A15	PINCH PIPE	FOUND
10151	1408963.91	3066449.07	8N3W P25	UTT REBAR	FOUND
10154	1408550.74	3071119.25	N/A	GRAHAM REBAR	FOUND
10156	1408825.95	3071116.09	VanBu E15	CUT LIMESTONE	FOUND
10167	1409206.95	3071126.38	N/A	3/8" REBAR	FOUND
10169	1411459.34	3071100.05	VanBu E13	CUT LIMESTONE	FOUND
10182	1411363.01	3069791.10	N/A	1/2" REBAR	FOUND
10184	1408831.84	3069828.12	N/A	DECKARD REBAR	FOUND
10193	1408869.67	3066881.20	N/A	PINCH PIPE	FOUND
10195	1408862.19	3067746.87	N/A	PINCH PIPE	FOUND
10200	1409504.48	3068474.18	N/A	UTT REBAR	FOUND
10203	1409314.29	3066433.10	N/A	PINCH PIPE	FOUND
10205	1406256.14	3068490.30	VanBu C17	RAMSEY REBAR	FOUND
10222	1406329.48	3066479.36	VanBu A17	RAILROAD SPIKE	FOUND
10227	1406324.23	3066479.48	8N3W R25	RAILROAD SPIKE	FOUND
10242	1406297.91	3067653.69	N/A	UTT REBAR	FOUND
10251	1406187.99	3071145.62	VanBu E17	RAILROAD SPIKE	FOUND
10325	1398310.92	3071064.76	VanBu E23	PIPE	FOUND
10360	1398287.82	3068423.75	WIT. TO C23	TAPP REBAR	FOUND
10371	1403648.52	3066503.87	VanBu A19	HARRISON MONUMENT	FOUND
10380	1403678.83	3066503.54	8N3W T25	HARRISON MONUMENT	FOUND
10387	1403596.73	3068494.08	VanBu C19	STONE	FOUND
10402	1400951.01	3068497.86	VanBu C21	STONE	FOUND
10443	1398391.21	3066554.45	8N3W X25	STONE	FOUND
10452	1398356.99	3066554.77	VanBu A23	STONE	FOUND
10484	1401035.73	3066529.90	8N3W V25	HARRISON MONUMENT	FOUND
10494	1400969.66	3066530.57	VanBu A21	HARRISON MONUMENT	FOUND
10518	1403555.80	3071138.36	VanBu E19	MAGSPIKE	SET
10525	1411439.23	3073749.25	VanBu G13	CUT LIMESTONE	FOUND
10535	1406679.84	3068492.45	N/A	PINCH PIPE	FOUND
10541	1406557.99	3067681.29	N/A	PINCH PIPE	FOUND
10547	1406602.22	3069813.89	N/A	GRAHAM REBAR	FOUND
10553	1396451.52	3068370.77	N/A	TAPP REBAR	FOUND
10578	1399789.11	3068465.51	N/A	DECKARD REBAR	FOUND

CERTIFICATION: This document is not complete without the associated plats and Monroe County Monument Records. This survey was performed without benefit of evidence of source of title and is subject to any statement of facts revealed by the same. Evidence of easements have not been located in the field and are not shown on this survey drawing. This qualification will be removed upon receipt and inspection of current title work. Subject to the above reservation, the survey work shown hereon was performed either by me or under my direct supervision and control and, to the best of my knowledge and belief, was performed according to the survey requirements in 865 IAC 1-12-1 through 34.


Certified September 17, 2024

Rachel Oser

Rachel Oser
State of Indiana
Professional Surveyor 21100022

I affirm under penalties of perjury that I have taken reasonable care to redact each social security number in this document, unless required by law. Rachel Oser



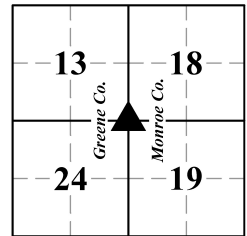
 Oser Surveying & Mapping LLC 4632 E Rocky Road, Bloomfield, IN 47424 Rachel@OserSurveying.com • 812.320.2694	CORNER PERPETUATION SURVEY SECTIONS 19, 30 & 31 TOWNSHIP 8 NORTH – RANGE 2 WEST – 2nd PM, VAN BUREN TOWNSHIP, MONROE COUNTY, INDIANA PREPARED FOR THE MONROE COUNTY SURVEYOR	PROJECT# 10269
		SHEET# 15 OF 76

MONUMENT RECORD

Corner ID: VanBu_A13

Section Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

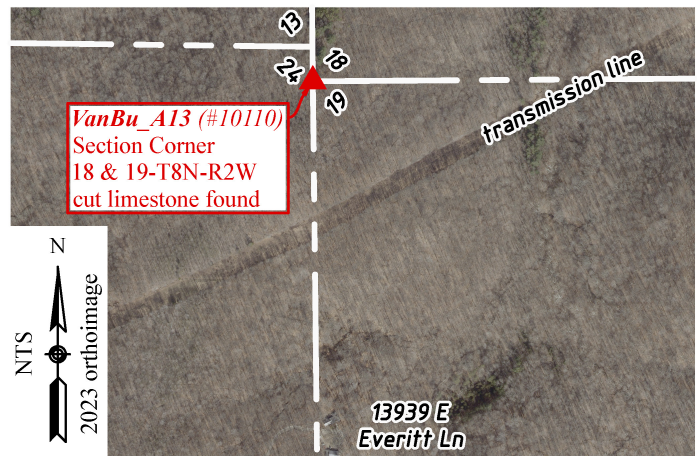
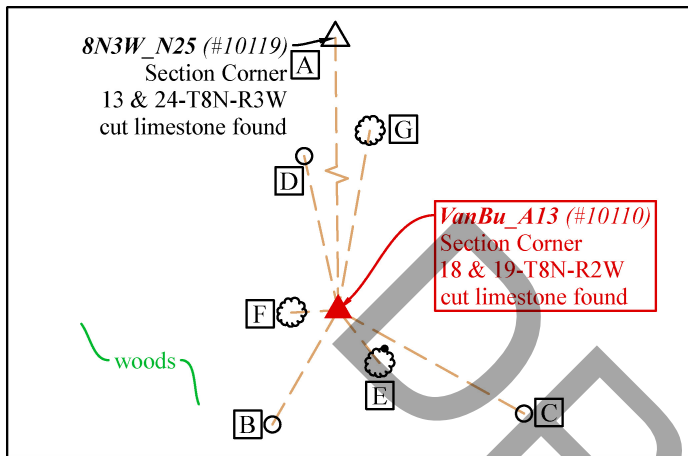


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 4" x 4" cut limestone with a chiseled "+" across the top was found 6" tall next to two t-posts.

GEODETIC COORDINATES: Northing: 1411428.42, Easting: 3066421.24

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°35'37" W	172.40'	8N3W_N25 – Section Corner common to Sections 13 and 24-8N-3W (#10119) 4"x4" cut limestone with chiseled "+" across the top found 7" tall
B	S 29°58'20" W	13.18'	Rebarlite with Monroe County cap set 1" below grade.
C	S 60°56'48" E	21.27'	Rebarlite with Monroe County cap set 1" below grade.
D	N 12°27'39" W	15.77'	Rebarlite with Monroe County cap set 1" below grade.
E	S 38° E	6.7'	Nail found 4.3 feet above grade on the north side of a 9" dbh beech
F	S 87° W	4.7'	5" dbh beech measured 12" above grade on its south side
G	N 10° E	18.2'	4" dbh red maple measured 7" above grade on its west side

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 1" below grade. Witness ties A, B, C, and D were located with RTK. Distances to witness ties E, F, and G were measured with a 100-foot steel tape. Bearings to witness ties E, F, and G were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
We attached a Monroe County Survey Marker sign to a steel t-post found 0.3 feet east of the stone. The sign is 4.25 feet above grade and facing west. A second steel t-post was found 0.85 feet north of the stone.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

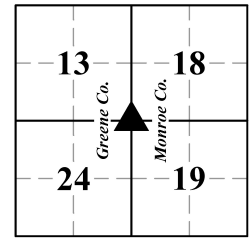
The stone is approximately 75 feet east of a north/south trail in an open and level woodland with no evidence of possession in the immediate vicinity. It is noted hereon as limestone due to its appearance and reactivity to hydrochloric acid. Witness Tie E above was found per the 1983 Monument Record. The tulip and maple trees from the 1983 Monument Record were not found.

MONUMENT RECORD

Corner ID: VanBu_A13

Section Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: Wooden post set 261 links south of the post corner for Sections 13 & 24-T8N-R3W

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	15"	N 83° W	18 lks
Dogwood	4"	S 45° E	22 lks

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/15/1864	Spencer, James	Legal Survey in Sec.19-8N-2W (<i>measured to the corner but did not describe or witness the monument</i>)	MCSO LSB2, page 87
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (<i>origin of stone</i>)	MCSO
Unknown c.1974	Graham, Raymond	Corner plat for Section 19-8N-2W (<i>stone set</i>)	MCSO
01/29/1998	Utt, Lee	Survey for Hoyt in Section 24-8N-3W (<i>stone found</i>)	MCR 1998-4493
01/29/1998	Utt, Lee	Survey for Hoyt in Sec.19-8N-2W (<i>stone found</i>)	MCR 00825642
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County (<i>stone found</i>)	GCSO
06/01/2001	Bledsoe, Ben	Greene County Corner Perpetuation (<i>stone found</i>)	GCSO
11/19/2003	Utt, Lee	Hoyt 28-acre tract in Sec. 19-8N-2W (<i>stone found</i>)	MCR 2004024121

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. Monroe County Surveyor Edmund Farkas accepted the stone on March 22, 1983.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Surveyor Raymond Graham in 1974. Graham calculated the length of the west lines of Sections 18 and 19 from the original government survey and set the stone at the calculated distance south of a stone found at the Northwest corner of Section 18. The limestone was witnessed by Monroe County Surveyor Edmund Farkas in 1983 and has been consistently accepted by subsequent surveyors. We accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_A13

Section Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

13	18
Greene Co.	Monroe Co.
24	19

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 1, 2024



Photo Orientation & Description: Looking northeast at A13



Photo Orientation & Description: Looking northwest at A13

FIELD PERSONNEL:

Field Date: 05/01/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/29

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

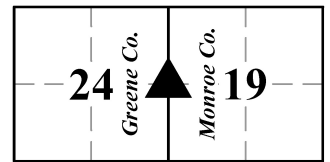
MONUMENT RECORD

Corner ID: VanBu_A15

West 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

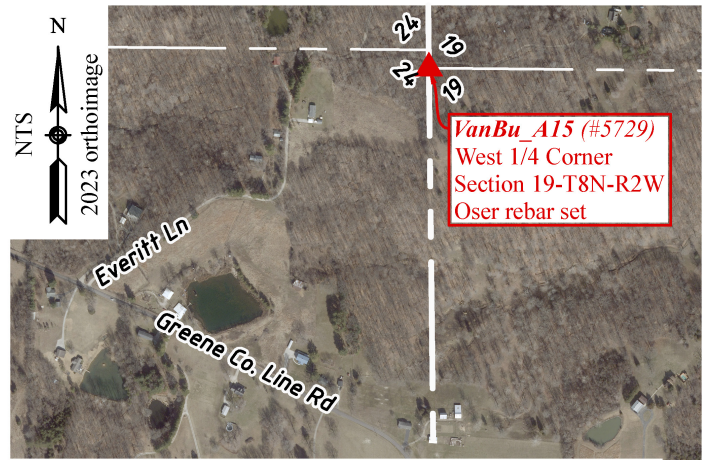
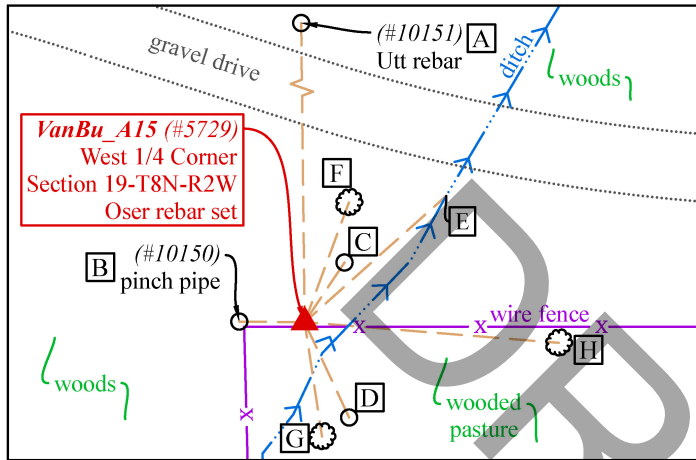


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS# 21100022" set 5" above grade 0.9 feet north of an east/west fence.

GEODETIC COORDINATES: Northing: 1408873.85, Easting: 3066450.10

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°39'32" W	90.06'	8N3W_P25 – East 1/4 corner of Section 24-8N-3W (#10151) 1/2" rebar with a small yellow plastic cap stamped "UTT S-0089" found 2" tall next to a steel t-post
B	N 89°29'6" W	9.71'	3/4" pinch top iron pipe found 6" tall at the northwest base of a 12" wooden corner post with fence to the east and south (#10150)
C	N 33°45'47" E	10.66'	Rebarlite with Monroe County cap set flush on the west side of a small ditch
D	S 25°2'27" E	15.62'	Rebarlite with Monroe County cap set flush on the east side of a small ditch
E	N 48° E	28.2'	Top of 16" plastic culvert
F	N 20° E	19.0'	27" dbh shagbark hickory
G	S 9° E	17.2'	18" dbh shagbark hickory
H	S 85° E	37.9'	16" dbh shagbark hickory

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A through D were located with RTK. Witness ties E through H were located radially with a conventional total station (Nikon Nivo) from points established by RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.9 feet south of the rebar in an east/west fence with a Monroe County Survey Marker sign attached 4 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is approximately 30 feet south of the south edge of the gravel lane leading to the house at 13938 E Everitt Lane. It is in a wooded area on the north side of an east/west fence approximately 9 feet east of a fence corner.

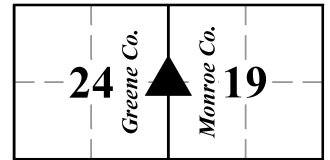
MONUMENT RECORD

Corner ID: VanBu_A15

West 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The original government surveyor did not establish the West 1/4 of Section 19.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/15/1864	Spencer, James	Legal Survey in Sec.19-8N-2W <i>(Measured to this corner as part of running the Northwest quarter of Section 19, but did not describe or witness a monument)</i>	MCSO LSB2, pg 87
10/15/1979	Utt, Lee	Survey of two tracts in Section 19-8N-2W for Phil Jolly <i>(Origin of pinch top pipe found at Witness Tie B (#10150))</i>	Deckard Land Surveying
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County <i>(Calculated this corner at the midpoint between the northwest and southwest corners of Section 19. Noted that the pinch-top iron pipe was found 6" tall at a fence corner 5.2 feet south and 9.75 feet west of the calculated position.)</i>	GCSO

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor did not establish the West 1/4 of Section 19, and we found no record of a stone at this corner.

A 3/4" pinch-top pipe was found 6" above grade at the northwest base of a 12" wooden corner post with fence to the south and east. The pipe was set by Lee Utt at the West 1/4 corner of Section 19 as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets in Mr. Utt's file indicate that the pipe was set at an existing fence corner. The pipe is 9.71 feet west of the Range Line, as later established by Mr. Utt by holding the stone at the Northwest corner of Section 19 (VanBu_A13 #10110) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222). We held the pipe to establish the south line of the Northwest quarter of Section 19 but did not accept it as the quarter corner.

We established this corner at the intersection of the east line of Section 24-T8N-R3W as measured between the Utt rebar at the East 1/4 corner of Section 24 (8N3W P25 #10151) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222) with the westerly extension of the line from the pinch top pipe found at #10195 (also set by Mr. Utt in 1979) through the pinch top pipe found at #10150. The corner thus established is 5.10 feet north and 0.20 feet west of the midpoint between opposite quarter corners.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 9.7 feet.
- Discrepancies in the Documents: 5.1 to 9.7 feet.
- Inconsistencies in the lines of Occupation: 9.7 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_A15

West 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

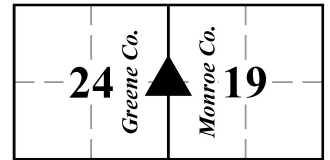


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: August 21, 2024



Photo Orientation & Description: Rebar set at A15



Photo Orientation & Description: Looking south at A15 with pinch pipe at fence corner visible on the far right side of the photo

FIELD PERSONNEL:

Field Date: 05/01/2024, 05/09/2024, and 08/21/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269

Field Book: OSM 7/19 and OSM 7/57

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

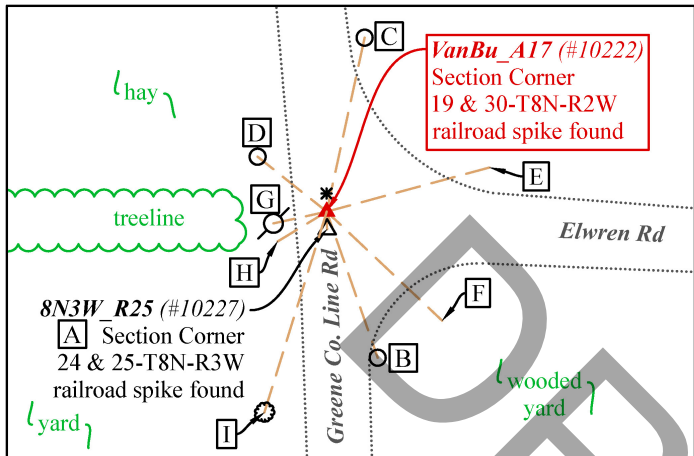
Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

24	19
Greene Co.	Monroe Co.
25	30

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
Railroad spike found 6" below grade at the intersection of Elwren Road and Greene County Line Road.

GEODETIC COORDINATES: Northing: 1406329.48, Easting: 3066479.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 1°22'33" E	5.25'	8N3W_R25 – Section Corner common to Sections 24 and 25-8N-3W (#10227) Railroad spike found 0.2 feet deep at the intersection of Elwren Road and Greene County Line Road
B	S 19°15'4" E	46.16'	Rebarlite with Monroe County cap set flush 2.65 feet east of the east edge of asphalt of Greene County Line Road
C	N 12°17'3" E	53.14'	Rebarlite with Monroe County cap set flush 5 feet east of the east edge of asphalt of Greene County Line Road and 0.9 feet west of a 2" x 3" wood post
D	N 51°32'24" W	26.37'	5/8" rebar with broken cap found 3" deep
E	N 75° E	50.4'	Stop signpost
F	S 47° E	47.4'	Smithville Riser (center)
G	S 78° W	16.3'	Center of 12" utility pole UDWI #148548 with Monroe County Surveyor sign found 3.4 feet tall on the east side and a mag nail found 12" tall on the north side
H	S 59° W	17.2'	West side (back) of phone riser
I	S 17° W	62.7'	18" diameter coniferous stump (<i>jack pine per Enright and cedar per Farkas</i>)

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. All witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
The Monroe County Survey Marker sign found on the utility pole noted as Witness G above was found in good condition. No new post or sign was set.

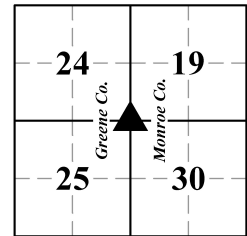
OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.
The centerline/centerline intersection of Elwren Road and Greene County Line Road falls between the railroad spikes found at #10222 and #10227.

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: Wooden post set 8 links north of the post corner for Sections 24 & 25-T8N-R3W

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	N 80° W	5 lks
Beech	5"	N 10° E	7 lks

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 09/09/1843 By: Spencer, J.W.

Where filed or recorded: MCSO LSB1, pg 79

Original monument: Legal Survey in Sec.30-8N-2W
(measured to corner, but did not witness or describe the monument)

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

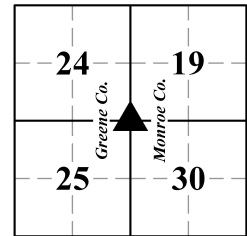
Date	Surveyor	Description	File Location
Unknown c.1974	Graham, Raymond	Corner plat for Section 19-8N-2W (accepted railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W)	MCSO
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (A railroad spike is depicted at the intersection of the Range line with a fence line to the west.)	MCSO
1981-1992	Farkas, Ed	Undated Monument Record (accepted railroad spike at #10222 as the corner common to 19 & 30-8N-2W)	MCSO
06/19/1992	Mundy, Michael	Survey in Section 25-8N-3W (accepted railroad spike at #10222 as the corner common to Sections 24 & 25-8N-3W)	GCR 1992-5919
06/13/1997	Bledsoe, Ben	Survey for Land of Indiana in Sec. 19, 20, & 29-8N-2W (accepted railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W per county ties)	MCR 00801638
01/29/1998	Utt, Lee	Survey for Hoyt in Sec. 19-8N-2W (accepted railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W)	MCR 00825642
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County (Mr. Bledsoe noted that various surveyors had used the railroad spike at #10222 interchangeably as the corner for Sections 24 & 25-8N-3W and Sections 19 & 30-8N-2W. He decided that the railroad spike at #10222 fit best with the occupation lines in the west half of Section 19. Mr. Bledsoe accepted the railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W and set the railroad spike at #10227 as the corner common to Sections 24 & 25-8N-3W)	GCSO
02/26/1999	Utt, Lee	Survey for Harris in Sec.30-8N-2W (Mr. Utt accepted the spike at #10222 as the corner common to Sections 24 & 25-8N-3W, set a new spike 5.28 feet north of the spike at #10222, and informed the Monroe County Surveyor that the Monument Record on file was incorrect. The third railroad spike was not found this survey. It is depicted with an * on the above Monument Location Sketch.)	MCR 00906020
11/18/1999	Enright, Kevin	Monument Record for VanBu_A17 (Mr. Enright found three railroad spikes and witnessed the spike that was 5.28 feet north of #10222 per the instructions he received from Mr. Utt. The	MCSO

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



		<i>third railroad spike was not found this survey. It is depicted with an * on the above Monument Location Sketch.)</i>	
11/16/2002	Campbell, Steven	Survey of 5.08 acres in Section 24-8N-3W (<i>found railroad spikes at #10222 and #10227 and accepted the spike at #10222 as the Section Corner common to Sections 24 & 25-8N-3W</i>)	GCR 2003-0536
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W (<i>accepted the railroad spike at #10222 as the corner of Sections 19 & 30-8N-2W</i>)	MCR 2003035601
11/19/2012	James, Marty	Fowler 400-acre farm survey in Sections 23, 25 & 26-8N-3W (<i>accepted the railroad spike at #10227 as the corner common to Sections 24 & 25-8N-3W</i>)	GCR 2012-5661
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W (<i>accepted the railroad spike at #10222 as the corner common to Sections 19 & 30-8N-2W</i>)	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No. The railroad spike (not found this survey) located 5.28 feet north of the railroad spike found at #10222 was approved by the Monroe County Surveyor Review Board on November 18, 1999.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original surveyor monumented this corner with a wooden post 5.28 feet north of the post corner of Sections 24 & 25-8N-3W. Monroe County Surveyor J.W. Spencer measured to this corner in 1843 but did not describe or witness the monument.

A 1974 survey by Raymond Graham depicts a railroad spike at the intersection of the Range Line with a fence line to the west. The survey does not note if the spike was found or set or which section corner it represented. However, the dimensions indicate that the railroad spike was accepted as the Southwest corner of Section 19 and was used to establish the Northwest corner of Section 19 at the record original survey distance between the railroad spike and a stone found at the Northwest corner of Section 18. An undated and unsigned Section Breakdown sketch that we believe was prepared by Raymond Graham in the mid-seventies in his capacity as Monroe County Surveyor depicts the same railroad spike as the Southwest corner of Section 19.

The italicized notes in the above "Other Survey History" section detail the rest of the history of the railroad spike in chronological order. The railroad spike at #10222 has at times been accepted as the Section corner common to Sections 24 and 25-8N-3W and at other times been accepted as the Section Corner common to Sections 19 and 30-8N-2W. It was witnessed by Monroe County Surveyor Ed Farkas between 1981 and 1992 as the Section Corner common to Sections 19 and 30-8N-2W and was accepted per the county ties on a perpetuation survey prepared in 1998 by Ben Bledsoe for the Greene County Surveyor. Bledsoe also set the railroad spike 5.28 feet south at the corner common to Sections 24 and 25 (#10227). Bledsoe then used the two spikes to establish four aliquot corners along the range line by proportion. In 1999, Lee Utt set a third railroad spike 5.28 feet north of #10222, calling it the corner common to Sections 19 and 30. Monroe County Surveyor Kevin Enright witnessed Utt's spike in 1999. We did not find Mr. Utt's spike and found no evidence of its acceptance by other surveyors in the records. In fact, Mr. Utt accepted the railroad spike at #10222 in 2003.

The railroad spike at #10222 has been used as the section corner for the sections on both sides of the Range Line throughout at least the last 30 years of its 50-year history. We accepted it as the Section corner common to Sections 19 and 30 because of the reliance on the spike by Graham to establish the Northwest corner of Section 19 and the reliance on the spike by Bledsoe to establish the West 1/4 and Southwest corners of Section 30.

MONUMENT RECORD

Corner ID: VanBu_A17

Section Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

24	19
Greene Co.	Monroe Co.
25	30

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 5.28 feet.
- Inconsistencies in the lines of Occupation: 3 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 9, 2024

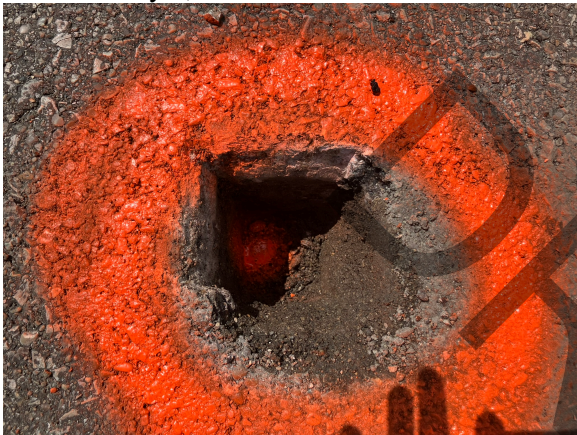


Photo Orientation & Description: Railroad spike at A17



Photo Orientation & Description: Looking west at A17

FIELD PERSONNEL:

Field Date: 05/09/2024 and 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/37

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

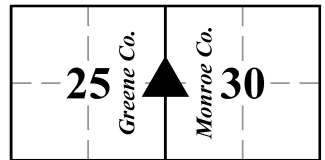
MONUMENT RECORD

Corner ID: VanBu_A19

West 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

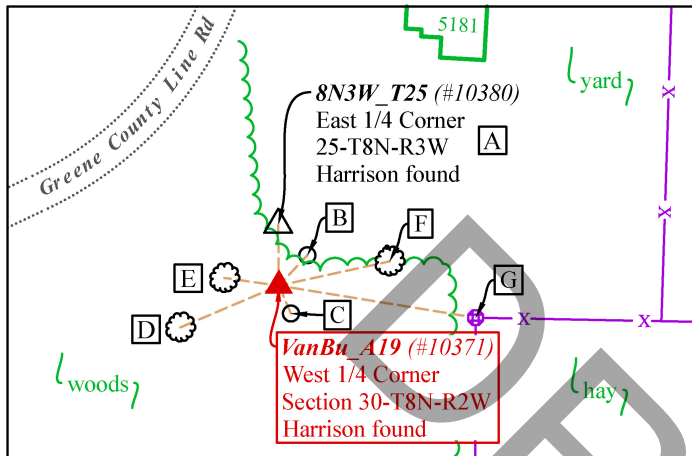


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found 2" tall.

GEODETIC COORDINATES: Northing: 1403648.52, Easting: 3066503.87

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°37'15" W	30.31'	8N3W_T25 – East 1/4 Corner of Section 25-8N-3W (#10380) 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top found flush with grade
B	N 43°12'30" E	20.75'	5/8" rebar with red plastic cap stamped "WITNESS" found flush
C	S 23°28'59" E	15.15'	Rebarlite with Monroe County cap set flush at the top of bank
D	S 67° W	53.3'	21" sugar maple measured 5.4 feet above grade on its south side (no nail found). (Noted as a mag nail in an 18" catalpa on the 2010 Monument Record.)
E	N 82° W	27.4'	7" American elm measured 14" above grade on its southeast side
F	N 78° E	56.5'	Mag nail found 10" above grade on the north side of a fallen 24" catalpa. We located the center of the tree, which is still alive and growing. (This witness is noted as a 15" sugar maple on the 2010 Monument Record.)
G	S 81° E	99.3'	6" wood post with fence heading south and east and wire fence remains to the west

Notes: The witness tie noted as a "Rebarlite" is a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, F, and G were located with RTK. Distances to witness ties D and E were measured with a 100-foot steel tape. Bearings to witness ties D and E were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

The monument was found leaning significantly east. We straightened the monument and checked its location with the 1998 Greene County ties. We set a 5-foot steel t-post 0.3 feet west of the monument with a Monroe County Survey Marker sign attached 3.5 feet above grade facing east.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is approximately 140 feet southwest of the southwest corner of the house at 5181 S Greene County Line Road in a heavily overgrown area with no evidence of possession in the immediate vicinity. A wooden corner post with

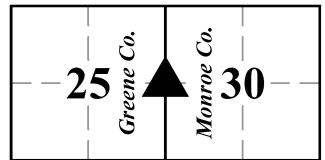
MONUMENT RECORD

Corner ID: VanBu_A19

West 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



wire fence remains heading west, and barbed wire fence to the south and east is located 98 feet east and 16 feet south of the Harrison monument. Another fence corner with fence remains heading west, north, and south is located 145 feet south and 17 feet west of the monument.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The original government surveyor did not establish the West 1/4 of Section 30.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 9/9/1843 By: J.W. Spencer

Where filed or recorded: LSB1, pg 79

Original monument: witness made at the W. 1/2 mile post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	15"	S 1.5° W	43.5 lks = 28.7'
Gum	15"	S 35° E	91.5 lks = 60.4'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County <i>Origin of Harrison</i>	GCSO
11/19/2012	James, Marty	Fowler 400-acre farm in Sections 23, 25 & 26-8N-3W <i>Accepted Harrison as East 1/4 Corner of Section 25-8N-3W</i>	GCR 2012-5661
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W <i>Accepted Harrison</i>	MCR 2020016690
05/31/2021	Deckard, Eric	Fowler/Conner Survey in Section 25-8N-3W <i>Accepted the Harrison monument as East 1/4 Corner of Section 25-8N-3W</i>	GCR 2021-3540

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on June 9, 2010.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

This corner was first established by Greene County Surveyor J.W. Spencer in 1843 at the midpoint between opposite section corners. No trace was found of Spencer's witness trees or a stone at the corner. Of note, the Spencer survey has two dimensions for the west line of the Southwest quarter of Section 30 that differ by 38.94 feet. We accepted the first dimension of 2663.1 feet because it correlates better with other elements of Spencer's survey and with the measured distance of the line. It is possible that the second dimension was meant to describe a different line.

In 1998, Ben Bledsoe set the Harrison monument at the midpoint between the Northwest and Southwest corners of Section 30. In 2010, the Harrison monument was accepted by the Monroe County Surveyor Review Board. The 2010 Monument Record notes that the Greene County offset corner is at a fence intersection approximately 150 feet south. In fact, the fence corner is near a property line. The offset corner is located 30.31 feet north and was also monumented with a Harrison by Bledsoe in 1998.

A 2012 survey by Marty James depicted the Harrison at the West 1/4 corner of Section 30 as the East 1/4 corner of Section 25-8N-3W. The mistake carried over to a 2021 survey by Eric Deckard. We accepted the southern Harrison monument as the best evidence of the corner.

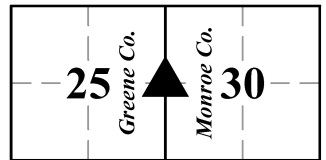
MONUMENT RECORD

Corner ID: VanBu_A19

West 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the monument set in 1843, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 38.94 feet.
- Inconsistencies in the lines of Occupation: North/south fence remains up to 17.2 feet west, and east/west fence remains up to 13.4 feet south.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 24, 2024



Photo Orientation & Description: A19 from above



Photo Orientation & Description: Looking west at A19

FIELD PERSONNEL:

Field Date: 05/24/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/46

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

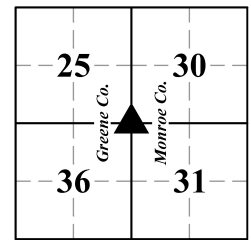
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_A21

Section Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

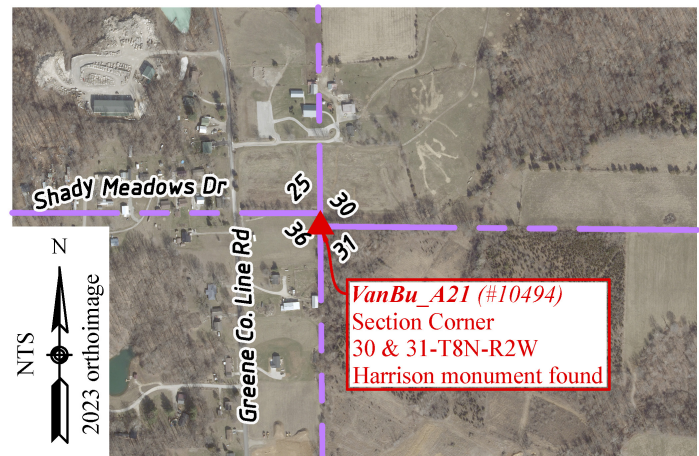
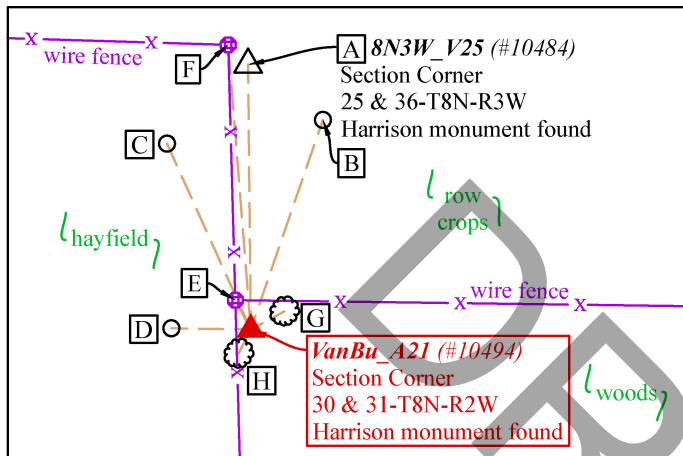


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top was found 5" tall. The monument is 7.3 feet south and 3.9 feet east of a railroad-rail corner post.

GEODETIC COORDINATES: Northing: 1400969.66, Easting: 3066530.57

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°34'58" W	66.07'	8N3W_V25 – Section Corner common to Sections 25 & 36-8N-3W (#10484) 2-3/4" diameter cast iron Harrison Monument with "COUNTY SURVEY" cast into the top found 5" below grade and 5.2 feet east of a north/south fence
B	N 19°2'41" E	55.31'	5/8" rebar found flush on the edge of a field of row crops per the Greene County Monument Record for 8N3W_V25
C	N 24°18'45" W	50.88'	5/8" rebar with plastic witness cap found 2" below grade in a hay field per the Greene County Monument Record for 8N3W_V25
D	N 89°6'4" W	19.85'	Rebarlite with Monroe County cap set flush in hay field at the edge of a mowed path
E	N 27°47' W	8.3'	West side of a 2" x 2-1/4" steel railroad-rail corner post in concrete with barbed wire fence to the north, south, and east
F	N 4°32' W	71.20'	Northeast corner of a 2" x 2-1/4" steel railroad-rail corner post in concrete with barbed wire fence to the south and west
G	N 61° E	9.5'	9" dbh sassafras measured to the northwest side 10" above grade
H	S 27° W	6.75'	8" dbh cedar measured to the east side 6" above grade

Notes: Witness tie noted as a "Rebarlite" is a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A through F were located with RTK. Distances to witness ties G and H were measured with a 100-foot steel tape. Bearings to witness ties G and H were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

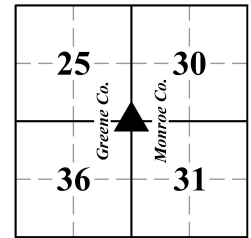
A 5-foot steel t-post was set 0.35 feet west of the Harrison Monument with a Monroe County Survey Marker sign attached 3.5 feet tall facing east.

MONUMENT RECORD

Corner ID: VanBu_A21

Section Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

There is a paved pull-off on the east side of Greene County Line Road approximately 225 feet north of the drive entrance to the home at 4932 N Greene County Line Road. From the pull-off, travel north approximately 125 feet to the fence line and then follow a mowed path on the south side of an east/west fence east for approximately 400 feet to the field corner. Then, continue following the mowed path along the west side of a north/south fence southerly for approximately 63 feet to another fence corner. The Harrison Monument is in a wooded area 4.2 feet east of the north/south fence.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P322

Original monument: Wooden post set 100 links south of the post corner for Sections 25 & 36-T8N-R3W

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	12"	N 63° E	4 links
Beech	15"	S 86° E	20 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 09/09/1843 By: Spencer, J.W.

Where filed or recorded: LSB1, pg 79

Original monument: Measured to this corner

Bearing Trees or Reference Monuments: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
07/06/1967	Dorman, Henry	Survey of 4-acre tract in Section 36-8N-3W	GCSO
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County	GCSO
05/15/2000	Utt, Lee	Survey for Hoffman in Section 36-8N-3W	GCR 2001-0084
08/18/2000	Tibbett, James	Survey for Jolly in Section 24-8N-3W	GCR 2001-4508
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W	MCR 2003035601
07/21/2006	Deckard, Eric	Yum Type E Admin. Subd. in Sec.31-8N-2W	MCR 2006020052
06/06/2011	Compton, Randolph L.	SR 45 & Breeden Road Location Route Control Survey in Section 31-8N-2W	MCR 2011007526 MCR 2011007528
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor set a wooden post at this corner 66 feet south of the post corner of Sections 25 & 36-8N-3W. In 1967, Henry Dorman accepted a fence corner post for this corner and another fence corner post 63.5 feet north for the corner of Sections 25 & 36-8N-3W. We found railroad-rail fence corner posts 63.6 feet apart.

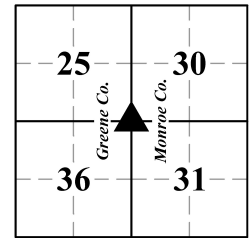
In 1998, Ben Bledsoe reestablished the corner of Sections 25 & 36-8N-3W by proportion between the stone at the East 1/4 Corner of Section 36 and the railroad spike at the Northeast corner of Section 25. The Harrison monument Bledsoe set is 4.9 feet south and 5.0 feet east of the railroad-rail corner post. Bledsoe then reestablished this corner and set the Harrison monument at the record falling south of the corner of Sections 25 & 36-8N-3W. The corner thus established is 7.3 feet south and 3.9 feet east of the other railroad-rail fence corner. Subsequent surveyors have consistently accepted the Harrison monuments, and we accepted them as the corners by common report.

MONUMENT RECORD

Corner ID: VanBu_A21

Section Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 7.3 feet.
- Inconsistencies in the lines of Occupation: 7.3 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 29, 2024



Photo Orientation & Description: Harrison at A21 from above



Photo Orientation & Description: Looking north at A21 with fence corner post visible in the background

FIELD PERSONNEL:

Field Date: 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/53

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

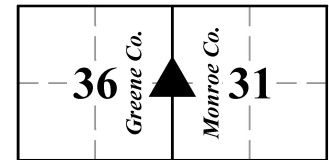
MONUMENT RECORD

Corner ID: VanBu_A23

West 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

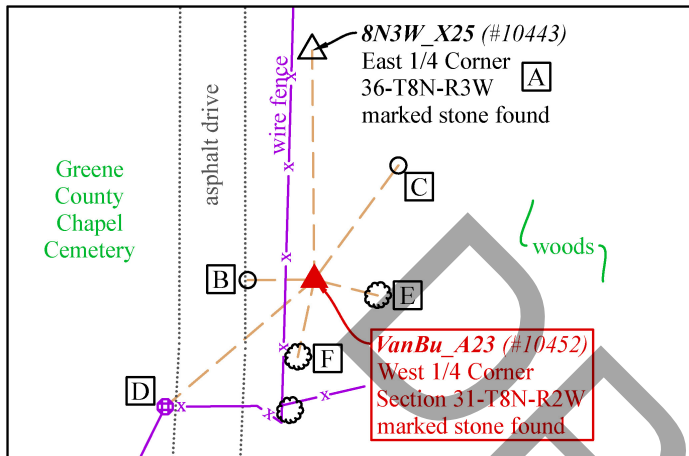


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 7" x 8" sandstone marked with a cut + on top was found flush 4.3 feet east of a north/south woven wire fence.

GEODETIC COORDINATES: Northing: 1398356.99, Easting: 3066554.77

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°32'58" W	34.22'	8N3W_X25 – East 1/4 Corner of Section 36-8N-3W (#10443) 0.7' x 0.3' sandstone with cut "+" on top found 0.1' below grade. The stone is 3 feet east of a north/south woven wire fence.
B	S 89°39'12" W	9.97'	Rebarlite with Monroe County cap set flush on the east edge of an asphalt drive
C	N 36°22'54" E	21.19'	5/8" rebar with plastic cap stamped "WITNESS" found 7" tall
D	S 50° W	29.3'	Northwest side of 3" galvanized fence post
E	S 75° E	9.75'	4" slippery elm (measured to the north side 5 feet above grade)
F	S 11° W	11.8'	11" dogwood (measured to the east side 2.2 feet above grade)

Notes: Witness tie noted as a "Rebarlite" is a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and D were located with RTK. Distances to witness ties E and F were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post with a Monroe County Surveyor sign attached 4.25 feet above grade facing south was found N 13° W 0.4 feet from the stone. Witness Tie A above correlates with Witness Tie C from the 2008 Monument Record. Witness Ties D and E from the 2008 Monument Record were verified but are not listed above because of their poor condition.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone was found in a wooded area 4.3 feet east of a north/south woven wire fence and 19 feet north of the gate across the eastern asphalt drive to the Greene County Chapel Cemetery. A Monroe County Surveyor sign was observed on the south side of a 39" catalpa tree on the east side of the gate. Both stones are noted as sandstone because they did not react to hydrochloric acid.

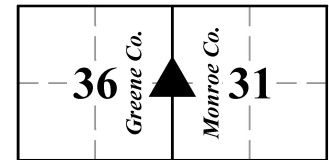
MONUMENT RECORD

Corner ID: VanBu_A23

West 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The West 1/4 of Section 31 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 6/18/1858 By: James Woodburn, Deputy

Where filed or recorded: LSB2, pg 16

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B.Walnut	8"	N 33° W	58 lks = 38.3'
Beech	40"	N 55° E	44.5 lks = 29.4'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec. C	INDOT
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County	GCSO
08/18/2000	Tibbett, James	Survey for Jolly in Section 24-8N-3W	GCR 2001-4508
07/21/2006	Deckard, Eric	Yum Type E Admin. Subd. in Section 31-8N-2W	MCR 2006020052
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31-8N-2W	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey in Section 31-8N-2W	MCR 2011007526 MCR 2011007528
11/19/2012	Tapp, Philip	Whaley Type A in Section 31-8N-2W	MCR 2012020021
12/02/2015	Ballard, Dustin	Bridge No. 93 Route Survey in Sections 31 and 32-8N-2W	MCR 2015017121
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/20/2022	Borgman, Todd	JLR Type E Administrative Subdivision Final Plat in Section 31-8N-2W	MCR 2022002218

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Deputy Surveyor James Woodburn in 1858 and has consistently been accepted by subsequent surveyors. We accepted the stone as the original corner with no associated uncertainty.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 4.3 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_A23

West 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

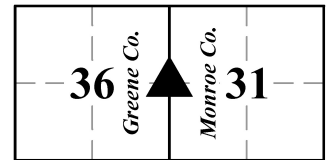


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 05/28/2024



Photo Orientation & Description: Stone at A23 from above



Photo Orientation & Description: Looking west at A23 with chapel visible in the background

FIELD PERSONNEL:

Field Date: 05/28/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/51

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:



Seal:

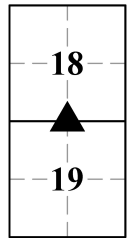
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_C13

Quarter Corner

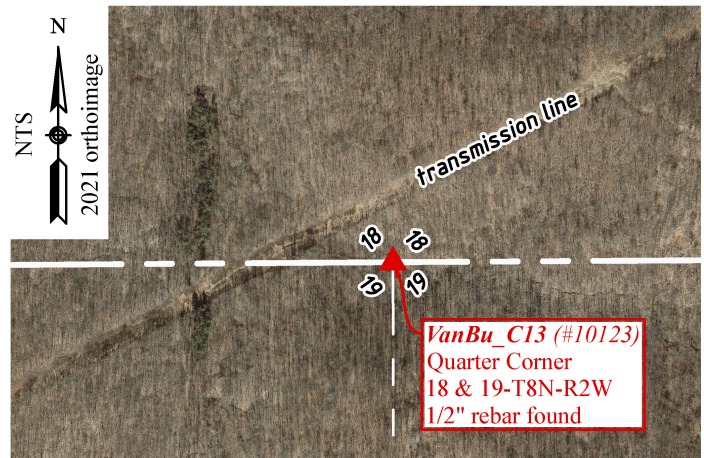
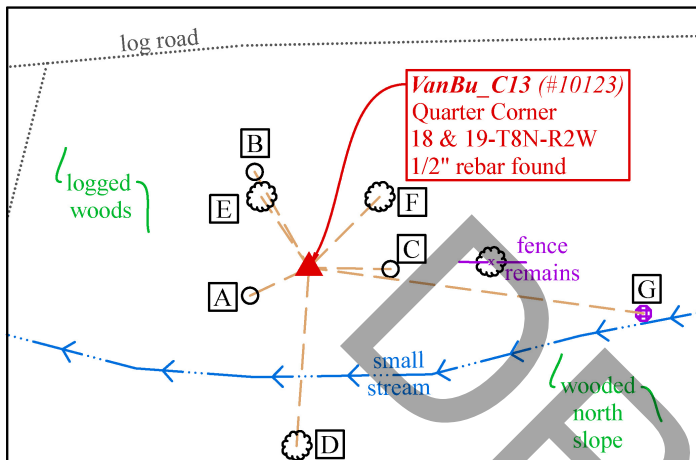
Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
1/2" rebar found 2" above grade on the west side of a steel t-post

GEODETIC COORDINATES: Northing: 1411442.93, Easting: 3068487.34

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 64°38'24" W	12.94'	Rebarlite with Monroe County cap set flush
B	N 29°34'22" W	21.83'	Rebarlite with Monroe County cap set flush
C	S 89°0'38" E	16.19'	Rebarlite with Monroe County cap set flush
D	S 4° W	35.4'	19" maple measured to point 12" above grade on the east side
E	N 34° W	16.9'	6" maple measured to point 12" above grade on the west side
F	N 45° E	19.8'	20" sugar maple measured 14" above grade on the west side (a magnetic signal was observed in the south root flair of the tree at N54°E 19.1 feet)
G	S 82° E	67.0	Steel t-post found

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and G were located with RTK. Distances to witness ties D, E, and F were measured with a 100-foot steel tape. Bearings to witness ties D, E, and F were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A steel t-post with a Monroe County Survey Marker sign attached 2.4 feet above grade was found 0.13 feet east of the rebar.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

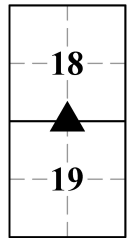
The rebar is in a level, heavily logged woods on the north side of a small stream. It's approximately 45 feet south of an east/west logging road and approximately 300 feet southeast of a transmission line cut. East/west fence remains were observed in a tree approximately 36 feet east of the rebar, and a line of t-posts extends easterly from the post noted as Witness Tie G above. No other evidence of possession was observed near the corner.

MONUMENT RECORD

Corner ID: VanBu_C13

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: Wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	4"	S 70° W	36 lks = 23.8'
Ash	4"	-	-

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 1862 By: James Woodburn, Dept. Surveyor

Where filed or recorded: LSB2, pg 73

Original monument: planted a rock

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	18"	N 12° E	29 lks = 19.1'
Walnut	60"	N 23° E	62 lks = 40.9'

No legal survey reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/29/1859 By: Buskirk

Where filed or recorded: LSB2, pg 20

Original monument: N. 1/2 mile stake old witnesses gone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	N 3° W	70 lks = 46.2'
Beech	36"	N 57° W	70 lks = 46.2'

No legal survey reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 3/15/1864 By: James Spencer

Where filed or recorded: LSB2, pg 87

Original monument: planted a stone

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	15"	N 39° E	61.75 lks = 40.8'
Beech	40"	N 61° W	53 lks = 35.0'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W (IP set)	MCSO
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO
02/21/1983	Farkas, Edmund	Survey of 149.02 acres in Sec.19-8N-2W	2013015591

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Greene County Surveyors Woodburn and Spencer monumented this corner with stone in 1862 and 1864 respectively. The corner falls in a heavily timbered area and no trace was found of either stone or witnesses. Many large tree tops scattered around the immediate vicinity of the corner hindered our search efforts.

In 1974, Raymond Graham surveyed the surrounding sections for Robert Townsend. At that time, he monumented the northwest and northeast corners of Section 19 with cut limestones and calculated this corner at a distance of 2640 feet from the northeast corner of Section 19. On an undated and unsigned corner plat on file in the office of the Monroe County Surveyor depicting the exact dimensions as the Townsend survey, Mr. Graham indicated that he set an IP at this corner. The IP was not found during this survey.

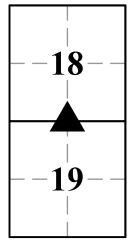
In 1983, Edmund Farkas surveyed the West half of the East half of Section 19. His survey plat does not detail the breakdown of Section 19. However, the 1/2" rebar found is within 0.1 feet east/west and 0.8 feet north/south of the proportionate location of the North 1/4 corner of Section 19 when established between the found limestone at the northeast corner (E13) and the found limestone at the northwest corner (A13). Ties to other monuments from the 1983 Farkas survey indicate that it was the origin of the 1/2" rebar, which we accepted as the best evidence of the corner.

MONUMENT RECORD

Corner ID: VanBu_C13

Quarter Corner

Sections 18 & 19 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, the stone set in 1862, or the stone set in 1864, their locations relative to the current monument are unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: Up to 27.2 feet east/west.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 1, 2024



Photo Orientation & Description: rebar found at C13



Photo Orientation & Description: Looking southeast at C13

FIELD PERSONNEL:

Field Date: 05/01/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/30

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

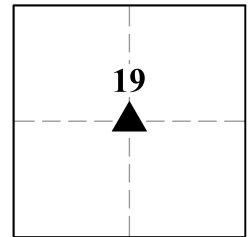
MONUMENT RECORD

Corner ID: VanBu_C15

Center 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

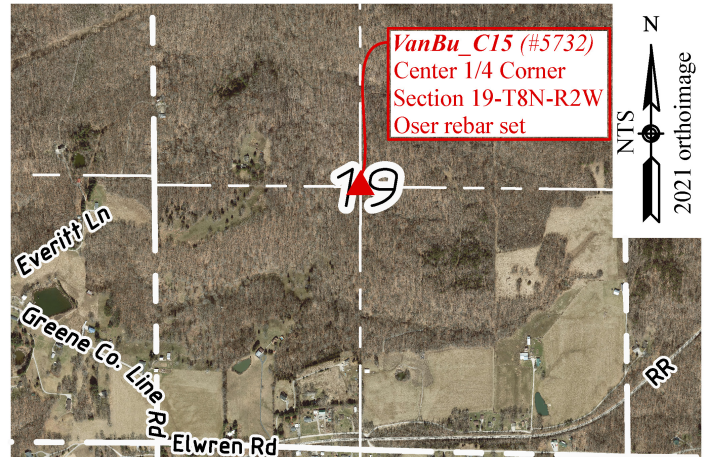
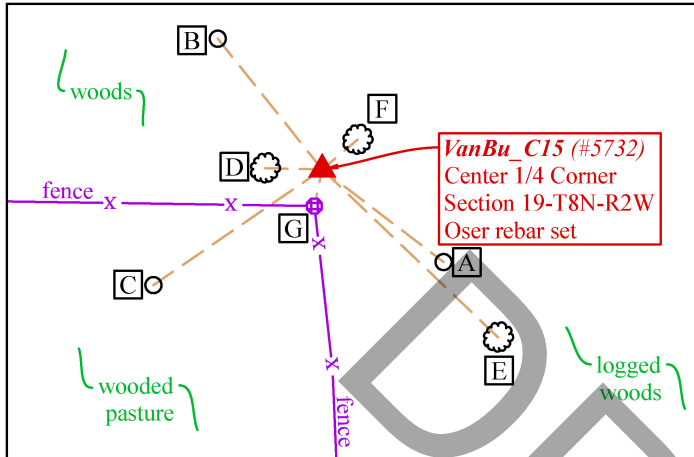


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS# 21100022" set 5" tall

GEODETIC COORDINATES: Northing: 1408855.48, Easting: 3068493.72

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 52°44'26" E	15.13'	Rebarlite with Monroe County cap set flush
B	N 38°43'0" W	16.57'	Rebarlite with Monroe County cap set flush
C	S 55°39'58" W	20.28'	Rebarlite with Monroe County cap set flush
D	N 89° W	5.7'	22" dbh white oak with east/west fence remains through its center
E	S 46° E	24.1'	8" dbh beech
F	N 50° E	4.6'	5" dbh maple
G	S 12° W	3.7'	8.5" treated wood corner post with barbed wire fence south and west

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2" mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, and C were located with RTK. Witness ties D, E, F, and G were collected radially with a conventional total station (Nikon Nivo) from points established by RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 6-foot-long aluminum u-post was set 0.3 feet east of the rebar with a Monroe County Survey Marker sign attached 4.75 feet tall facing west.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is in a wooded area ~3.7 feet north of a wood corner post with newer barbed wire fence heading west and south. It is in line with fence remains through the center of a 22" white oak to the west. To reach the corner, park at the end of Everitt Lane and walk east along a well-maintained fence line for approximately 2000 feet.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The original government surveyor did not establish the Center 1/4 of Section 19.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 03/15/1864 By: James Spencer

Where filed or recorded: MCSO LSB2, pg 87

Description: Legal Survey in Sec. 19-8N-2W (*Surveyed the northwest quarter of Section 19 but did not describe or witness the monument*)

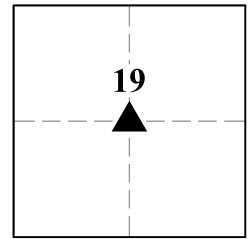
MONUMENT RECORD

Corner ID: VanBu_C15

Center 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO
10/15/1979	Utt, Lee	Survey of two tracts in the Northwest quarter of Section 19-8N-2W for Phil Jolly	Deckard Land Surveying
02/21/1983	Farkas, Ed	Survey of 149.02 acres in the East half of Section 19-8N-2W	MCR 2013015591

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1864, Monroe County Surveyor James Spencer "ran the northwest quarter" of Section 19, but we found no trace of a stone at this corner.

In 1974, Raymond Graham established the north/south center of Section 19 by measuring 2640 feet perpendicular to and parallel with the east line of Section 19. He set two pipes along the east line of the Northwest quarter of Section 19 but did not indicate a monument at the center of the section. The two pipes are shown as #10137 and #10139 on the Corner Perpetuation Survey for Section 19 associated with this Monument Record.

In 1979, Lee Utt set three pinch-top pipes along the south line of the Northwest quarter of Section 19. The three pipes are #10150, #10193, and #10195 on the Corner Perpetuation Survey for Section 19 associated with this Monument Record. Mr. Utt's survey plat does not extend as far east as the Southeast corner of the quarter. However, worksheets from his file note that the corner was in line with the current fence heading south and with fence remains found in the center of a 22" white oak tree heading west. His worksheets do not describe the corner, but we think he found a fence corner post. We searched for a stone or the remains of an old fence post at this location but found nothing.

The land to the southwest has been in the same family for many years. The current owner, Bill Buskirk, told us that he rebuilt half of the fence along the north line of the Southwest quarter of Section 19 with his father approximately 15 years ago. The Township Trustee built the other half of the fence at the Buskirks request. He said their practice was to replace corner posts in the same location but also mentioned that they usually built fences 6 to 10 inches inside the property line. Mr. Buskirk relied upon the pinch-top pipes as his north property line.

In 1983, Edmund Farkas established the north/south center line of Section 19. He monumented the North 1/4 Corner of Section 19 at the proportionate distance between the cut limestones at the Northwest and Northeast corners of the section. It's unclear what he held for the South 1/4 Corner, and he did not establish the Center 1/4 Corner. Fence remains heading north from Elwren Road are in line with the line he established, but we don't know if his survey or the fencing came first. The fencing is up to 12 feet east of line near the northeast corner of Lot 3 in Elwren Subdivision.

In 1999, Gary Cobb subdivided land in the Southwest quarter of Section 19, as shown on the Elwren Subdivision Final Plat recorded as Instrument Number 1999019385. The east line of the subdivision appears to follow the north/south center of section line, but the section line is not shown. We tied into several monuments from the subdivision and determined that Mr. Cobb likely held the north/south fence as the aliquot line.

We established the Center of Section 19 by extending the line from the pinch pipe found at #10150 through the pinch pipe found at #10195 for the distance shown on Mr. Utt's worksheets. The corner thus established is 2.56 feet north and 4.90 feet east of the intersection of opposite quarter corners, none of which are direct perpetuations of original or legal survey monuments. It is 3.7 feet north of the existing fence corner post.

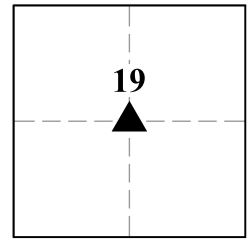
MONUMENT RECORD

Corner ID: VanBu_C15

Center 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 3.7 feet
- Discrepancies in the Documents: 43.9 feet.
- Inconsistencies in the lines of Occupation: 3.7 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: August 21, 2024



Photo Orientation & Description: C15 from above



Photo Orientation & Description: Looking west at C15 with 22" white oak with east/west fence remains visible in the background

FIELD PERSONNEL:

Field Date: 05/01/2024, 05/09/2024, and 08/21/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269

Field Book: OSM 7/31 and OSM 7/56

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

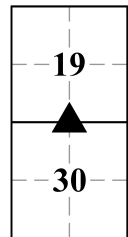
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_C17

Quarter Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

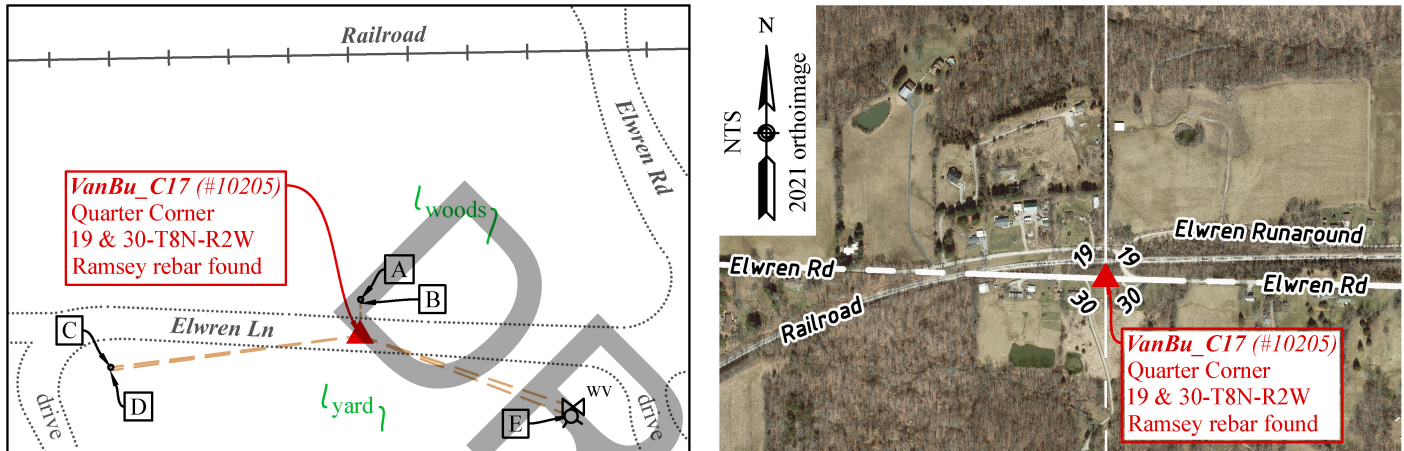


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" rebar with yellow plastic cap stamped "STEPHEN E. RAMSEY #S0374" found 4" below grade in the centerline of Elwren Lane, a 10-foot-wide gravel lane.

GEODETIC COORDINATES: Northing: 1406256.14, Easting: 3068490.30

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°55'23" E	10.92'	Rebarlite with Monroe County cap set flush on the north side of the ditch along the north side of Elwren Lane
B	N 0°16' W	9.74'	5-foot steel t-post set on the north side of Elwren Lane with a Monroe County Survey Marker sign attached 3.85 feet tall facing south
C	S 82°45'52" W	75.70'	Rebarlite with Monroe County cap set flush 1 foot north of the center of the UDWI utility pole #211-12 noted as Witness D below
D	S 82° W	76.0'	9" diameter UDWI utility pole #211-12
E	S 69° E	68.1'	Top bolt of fire hydrant
WV	S 71°30'0" E	67.69'	Cut X on the north rim of an 8" water valve

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set on the north side of Elwren Lane with a Monroe County Survey Marker sign attached 3.85 feet tall facing south.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

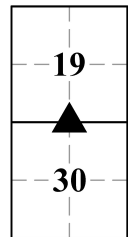
The rebar is in the centerline of a 10-foot-wide gravel lane approximately 85 feet west of the center of the drive entrance to the mobile home at 9545 W Elwren Road.

MONUMENT RECORD

Corner ID: VanBu_C17

Quarter Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P321

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
B.Oak	30"	N 72° W	18 links
W.Oak	12"	N 35° E	14 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/09/1843	Spencer, J.W.	Legal Survey in Sec.30-8N-2W (<i>measured to this corner but did not describe or witness the monument</i>)	MCSO LSB1, pg 79
03/15/1864	Spencer, James	Legal Survey in Sec.19-8N-2W (<i>measured to the half-mile post</i>)	MCSO LSB2, pg 87
09/17/1999	Cobb, Gary	Elwren Subdivision in Sec.19-8N-2W (<i>this corner is the POC, but no monument is referenced</i>)	MCR 1999019385
06/28/2004	Graham, Charles D	Hammer Minor Subd. in Sec.30-8N-2W (<i>found rebar</i>)	MCR 2004013880
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W (<i>found Ramsey rebar</i>)	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1843, Monroe County Surveyor J.W. Spencer measured from this corner to the South 1/4 Corner of Section 30 and in 1864, Monroe County Surveyor James Spencer measured from this corner to the North 1/4 Corner of Section 19. Neither surveyor described or witnessed a monument and we have no legal survey record of the line being run between the Section corners to the east and west.

A 5/8" Ramsey rebar was found in the centerline of Elwren Lane, approximately in line with wire fence remains to the north located on the north side of Elwren Road, beginning approximately 225 feet north of the rebar. No survey of origin was found. We believe that Mr. Ramsey established the corner based on physical evidence. It is located 7.8 feet west and 12.1 feet south of the theoretical corner calculated proportionally between the railroad spike found at VanBu_E17 and the railroad spike found at VanBu_A17. We searched for a monument at the theoretical location, which falls in a wooded area bordered by Elwren Lane to the south and a railroad to the north, but nothing was found. The 1915 railroad right-of-way and track maps were consulted but do not depict a monument.

The Ramsey rebar was accepted by C.D. Graham in 2004 and Rachel Oser in 2020, and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 12.1 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_C17

Quarter Corner

Sections 19 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

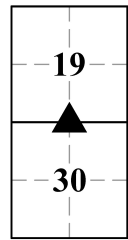


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 9, 2024



Photo Orientation & Description: Ramsey rebar at C17



Photo Orientation & Description: Looking west at C17

FIELD PERSONNEL:

Field Date: 05/09/2024 and 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/36

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

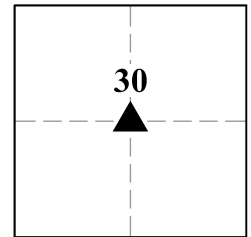
MONUMENT RECORD

Corner ID: VanBu_C19

Center 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

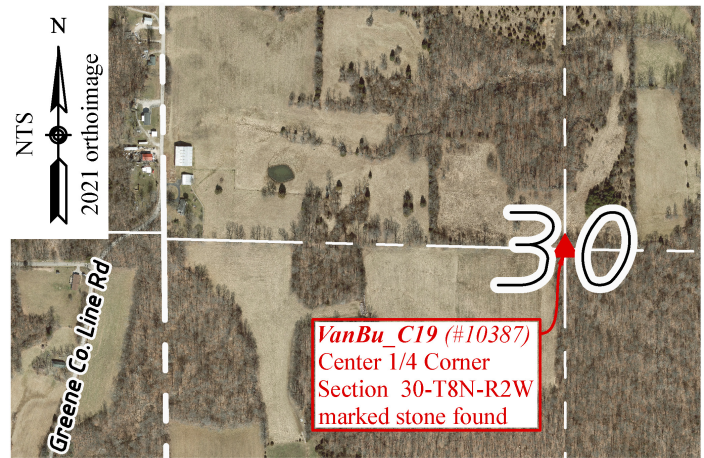
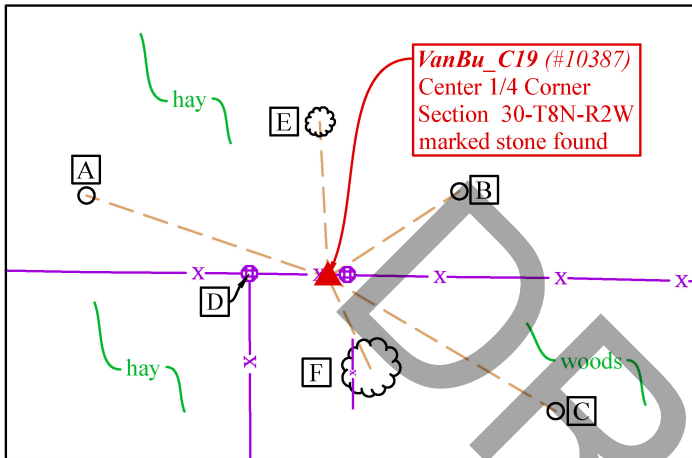


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 0.8' x 0.3' sandstone with a cut + was found 0.3 feet above grade in line with east/west barbed wire fence and 7.8 feet east of a railroad-rail fence corner post with fence to the west, south, and east.

GEODETIC COORDINATES: Northing: 1403596.73, Easting: 3068494.08

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 71°18'15" W	25.31'	Rebarlite with Monroe County cap set flush 7.6 feet north of east/west fence
B	N 56°50'44" E	15.58'	Rebarlite with Monroe County cap set flush 8.5 feet north of east/west fence
C	S 59°34'55" E	26.21'	Rebarlite with Monroe County cap set flush 13.2 feet south of east/west fence
D	N 87° W	7.85'	North side of railroad rail post in concrete measured at grade
E	N 3° W	15.4'	5" dbh sassafras measured 12" above grade on its west side
F	S 25° E	9.95'	52" oak with north/south fence remains found in its base measured 19" above grade on its west side

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and D were located with RTK. Distances to witness ties E and F were measured with a 100-foot steel tape. Bearings to witness ties E and F were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 6-foot aluminum U-post was set 0.7 feet south of the stone with a Monroe County Survey Marker sign attached 4 feet tall facing north. The stone is classified as sandstone based on its appearance and its lack of reaction to hydrochloric acid.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is at the corner of a wooded area to the southeast and hayfield to the southwest. On the north, it is bordered by a wooded strip that opens to a hayfield. From the house at 5181 S Greene County Line Road, travel east along the field edge for approximately 1900 feet to the corner.

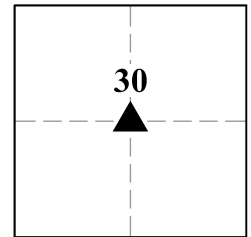
MONUMENT RECORD

Corner ID: VanBu_C19

Center 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The Center 1/4 of Section 30 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 9/9/1843 and 10/13/1842 By: J.W. Spencer

Where filed or recorded: LSB1, pg 79

Original monument: witness made at the center

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Black Ash	6"	N 48.5° E	36.5 lks = 24.1'
Black Ash	10"	S 79° E	48 lks = 31.7'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
8/28/2020	Oser, Rachel	Moran Boundary Survey in Section 30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office? No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Monroe County Surveyor J.W. Spencer established this corner at the intersection of opposite quarter corners. The found stone is on the line between the rebar found at the North 1/4 Corner and the stone found at the South 1/4 Corner. It is 12 feet south of the line between the Harrison monument at the West 1/4 Corner and the magspike at the East 1/4 Corner. However, it is within half a foot of the north/south proportionate distance.

In 2020, we found the stone leaned over on its side under an east/west fence with the top slightly below grade and reset it in the hole where we found it. A railroad-rail fence post with fence to the west, south, and east is located 7.8 feet west of the stone, and north/south barbed wire fence remains were observed grown into the base of a 52" oak tree on the south side of the stone. We accepted the stone as the best evidence of the corner with 7.8 feet of east/west uncertainty.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 7.8 feet east/west.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 7.8 feet east/west.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 05/24/2024



Photo Orientation & Description: Stone at C19 from above



Photo Orientation & Description: Looking east at C19

MONUMENT RECORD

Corner ID: VanBu_C19

Center 1/4 Corner

Section 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

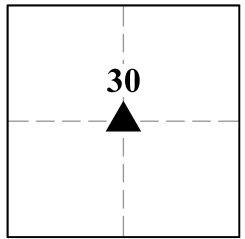


Photo Orientation & Description: Looking south at C19



Photo Orientation & Description: Looking west at C19

FIELD PERSONNEL:

Field Date: 05/24/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/47

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_C21

Quarter Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

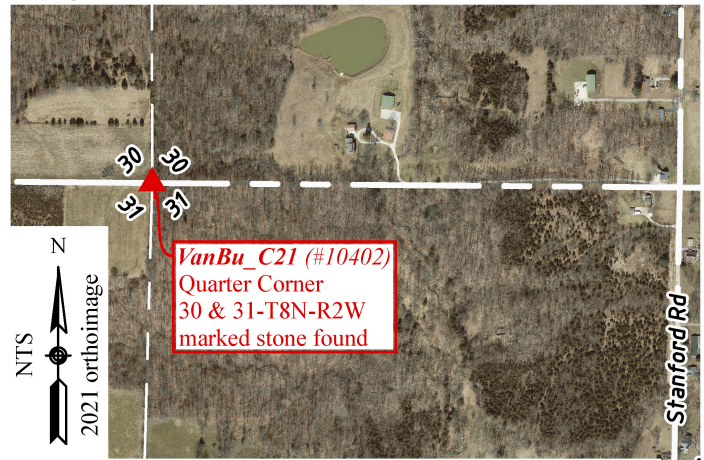
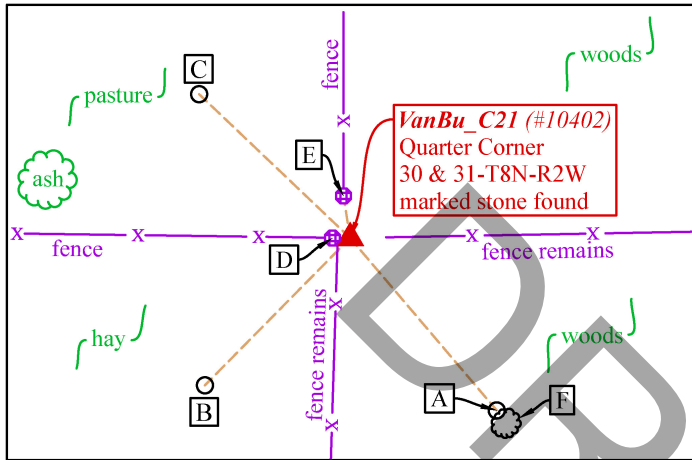


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 0.8' x 0.3' sandstone with a cut + on top was found 0.7 feet above grade at the east base of a wooden post with barbed wire fence to the north and west and wire fence remains to the east and south.

GEODETIC COORDINATES: Northing: 1400951.01, Easting: 3068497.86

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 40°29'38" E	11.21'	Rebarlite with Monroe County cap set flush at northwest base of dogwood at "F"
B	S 44°42'19" W	10.25'	Rebarlite with Monroe County cap set flush
C	N 46°31'20" W	10.33'	Rebarlite with Monroe County cap set flush
D	S 89° W	0.9'	2" mag nail and 1-1/2" orange plastic disc set 8" above grade on the north side of a 6" wood post with a Monroe County sign found 5 feet above grade facing north, barbed wire fence to the west, and wire fence remains to the south
E	N 9° W	2.1'	2" mag nail and 1-1/2" orange plastic disc set 7" above grade on the east side of a 6" x6" wood post with barbed wire and wood fence heading north
F	S 40° E	12.0'	5" dogwood measured at a point on the northeast side 11" above grade

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, and C were located with RTK. Distances to witness ties D, E, and F were measured with a 100-foot steel tape. Bearings to witness ties D, E, and F were collected with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.82 feet east of the stone with a Monroe County Survey Marker sign attached 3.8 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The stone is on a relatively level field edge at the intersection of fence and/or fence remains in four directions. It is noted hereon as sandstone because it did not react to hydrochloric acid. Witness Tie D above correlates with Witness Tie B from the 2008 Monument Record. A 52" dbh dead ash (no nail) was found and verified at Witness Tie D from the 2008 Monument Record.

MONUMENT RECORD

Corner ID: VanBu_C21

Quarter Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P322

Original monument: Wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Hickory	12"	S 76° E	29 links
Dogwood	6"	S 53° W	12 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 09/09/1843 By: Spener, J.W.

Where filed or recorded: LSB1, pg 79

Original monument: Measured to this corner but did not describe or witness the monument.

Bearing Trees or Reference Monuments: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey	MCR 2011007526 MCR 2011007528
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/20/2022	Borgman, Todd	JLR Type E Administrative Subdivision in Section 31	MCR 2022002218

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was approved by the Monroe County Surveyor Review Board on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the stone is unknown. Monroe County Surveyor J.W. Spencer measured to this corner in 1843, but he did not take any new witnesses or indicate the type of monument present at that time. The stone was accepted by Eric Deckard in 2006, the Monroe County Surveyor Review Board in 2008, and has consistently been accepted by subsequent surveyors. We accepted the stone as the best evidence of the corner with no associated uncertainty.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: None noted.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_C21

Quarter Corner

Sections 30 & 31 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

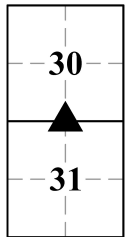


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 28, 2024



Photo Orientation & Description: Stone at C21 from above



Photo Orientation & Description: Looking east at C21

FIELD PERSONNEL:

Field Date: 05/28/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/49

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

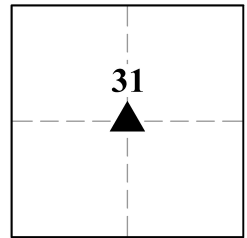
MONUMENT RECORD

Corner ID: VanBu_C23

Center 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

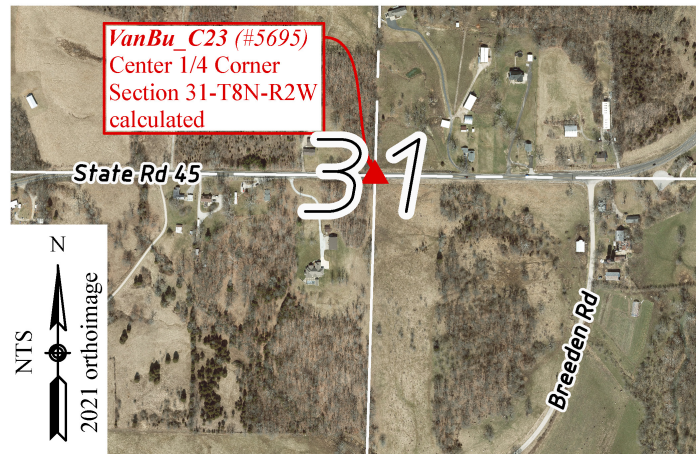
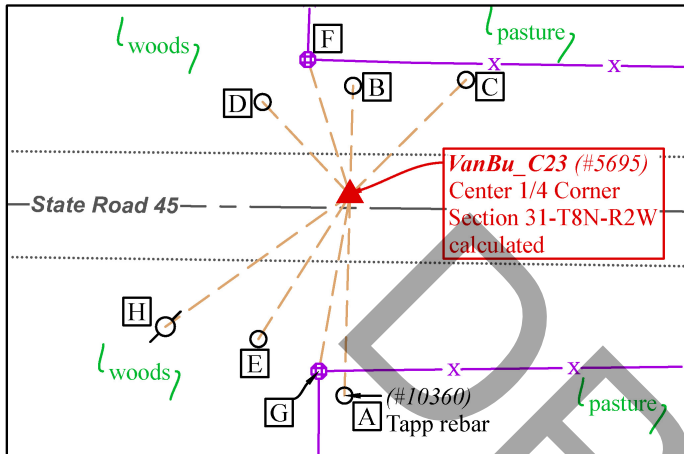
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
Calculated corner. No monument was found or set.

GEODETIC COORDINATES: Northing: 1398337.89, Easting: 3068425.14

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 1°35'38" W	50.09'	5/8" rebar with yellow plastic cap stamped "TAPP 80900014" found 0.3 feet below grade (#10360)
B	N 1°35'38" E	27.29'	Rebarlite with Monroe County cap set flush on line and 6.2 feet south of an east/west smooth wire fence
C	N 45°11'46" E	40.83'	Rebarlite with Monroe County cap set flush 3.9 feet south of east/west smooth wire fence
D	N 43°12'38" W	31.86'	Rebarlite with Monroe County cap set flush on the north side of a riprap ditch 13 feet north of the north edge of asphalt of State Road 45
E	S 32°28'25" W	42.62'	Rebarlite with Monroe County cap set flush on the south top of bank
F	N 17° W	35.4'	Southwest side of 6" wooden corner post with smooth wire fence north and east
G	S 10° W	44.7'	Northwest side of 6.5" wooden corner post with smooth wire fence south and east
H	S 54° W	56.6'	10" utility pole UDWI #142249

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with an orange plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
This corner is not monumented.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The calculated position for this corner is 3 feet north of the centerline of State Road 45. The corner is 7.75 feet east of a fence heading south and 10.5 feet east of a fence heading north.

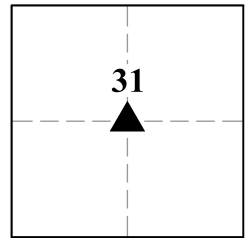
MONUMENT RECORD

Corner ID: VanBu_C23

Center 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The Center 1/4 of Section 31 was not established by the original government surveyor.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 6/18/1858 By: James Woodburn, Deputy

Where filed or recorded: LSB2, pg 16

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	18"	S 21° W	67 lks = 44.2'
B.Gum	16"	S 49° E	14 lks = 9.2'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec.C (<i>corner not shown</i>)	INDOT
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W (<i>calculated at the intersection of opposite quarter corners</i>)	MCR 2006020052
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31 (<i>calculated at the intersection of opposite quarter corners</i>)	MCR 2011008370
06/06/2011	Compton, Randolph L.	SR 45 & Breeden road Location Route Control Survey (<i>calculated per Tapp rebar at Witness A</i>)	MCR 2011007526 MCR 2011007528
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Sec. 31 (<i>calculated</i>)	MCR 2018002164
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Sec. 31 (<i>calculated</i>)	MCR 2021009153
01/20/2022	Borgman, Todd	JLR Type E in Sec. 31 (<i>calculated</i>)	MCR 2022002218

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

Deputy Monroe County Surveyor James Woodburn established this corner in 1858. The corner falls in State Road 45. We did not search for a stone and no trace was found of Woodburn's witnesses. The 1929 INDOT plans for State Road 45 indicate that the highway was built over an existing east/west gravel road but do not depict a stone. In 2006, Eric Deckard calculated this corner at the intersection of the same opposite quarter corners accepted on this survey. In 2011, Philip Tapp used the same methodology. Tapp's 2011 survey shows that the rebar at #10360 (Witness A) was set on line between the stone at VanBu_C21 and the drill steel at VanBu_C25. However, we found the rebar 1.1 feet east of that line. In 2011, Randolph Compton held the Tapp rebar to calculate the north/south center of section line.

We tied into surveys by Eric Deckard and Todd Borgman from 2021 and 2022 respectively, and it appears that they both accepted Compton's calculated location for this corner. Deckard and Borgman monumented the north/south center of section line in the North half of Section 31, and Tapp monumented it in the South half of the section. Due to the reliance on the Tapp rebar for monumenting the line, we also accepted it to establish the north/south center of section line by common report. We calculated this corner at the intersection of the line between the stone found at VanBu_A23 and the pipe found at VanBu_E23 with the line between the stone found at VanBu_C21 and the Tapp rebar found at #10360. The corner thus established is S 89°24'53" E 1.09 feet from the intersection of opposite quarter corners. We did not monument the corner due to safety concerns, but we set a witness monument online (noted as Witness B above).

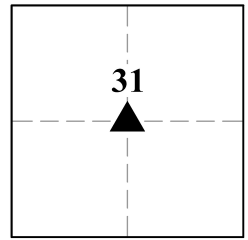
MONUMENT RECORD

Corner ID: VanBu_C23

Center 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the monument set in 1858, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 1.1 feet.
- Inconsistencies in the lines of Occupation: The calculated corner is 3 feet north of the centerline of State Road 45.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

FIELD PERSONNEL:

Field Date: 05/13/2024 and 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/44

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:

Seal:



This document is not complete without the associated plat and report of even date.

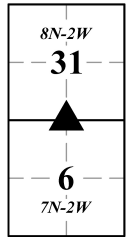
MONUMENT RECORD

Corner ID: VanBu_C25

South 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

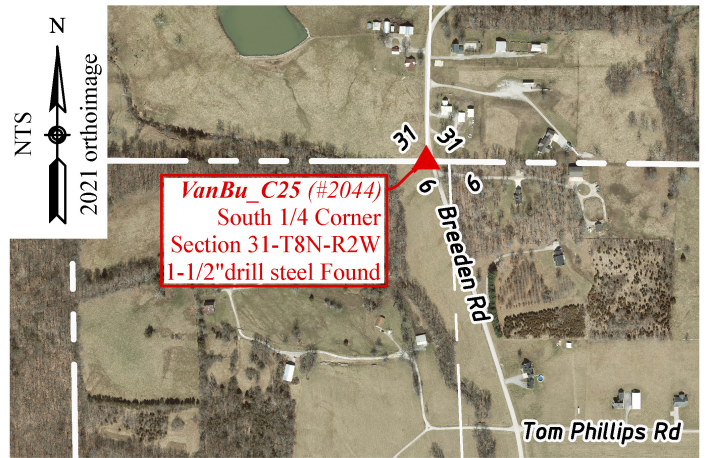
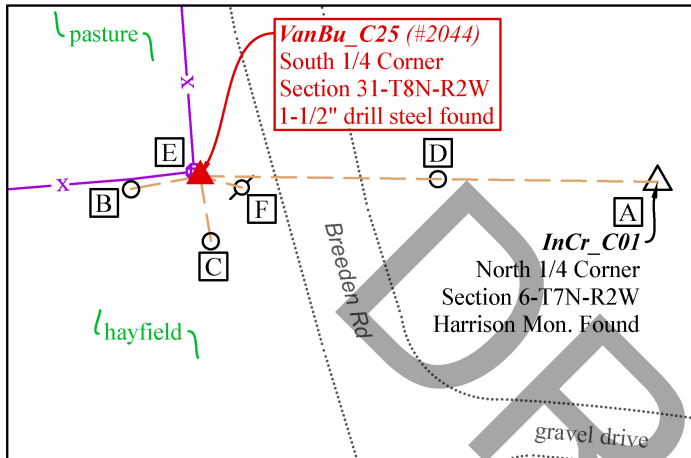


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 1-5/8" drill steel was found 1" below grade and 2 feet southeast of an 8" x 7" fiberglass "I" post with fence to the north and west.

GEODETIC COORDINATES: Northing: 1395745.17, Easting: 3068350.82

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 89°17'53" E	113.61'	InCr_C01 – North 1/4 Corner of Section 6-T7N-R2W 4" diameter cast iron Harrison Monument with "QUARTER CORNER" cast into the top found 3" above grade in an 8" concrete base
B	S 79°34'55" W	17.41'	Rebarlite with Monroe County cap set flush 2.65 feet south of fence
C	S 9°30'34" E	16.23'	Rebarlite with Monroe County cap set flush
D	S 89°23'56" E	59.09'	1/2" rebar with yellow plastic cap stamped "RAMSEY ..." found flush per the 2008 Monroe County Monument Record
E	N 53° W	2.0'	Southeast corner of 8" x 7" fiberglass "I" shaped corner post with smooth wire fence north and west
F	S 75° E	10.7'	11.5" diameter utility pole UDWI #142200

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.25 feet west of the monument with a Monroe County Survey Marker sign attached 3.85 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The monument is at the west toe of the slope of Breeden Road, approximately 2 feet southeast of a fence corner.

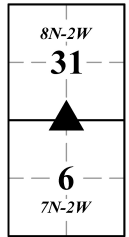
MONUMENT RECORD

Corner ID: VanBu_C25

South 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Alexander Holmes

Where filed or recorded: F_EV02P294

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	14"	S 76° W	13 links
Walnut	8"	N 55° E	20 links

SUBSEQUENT LEGAL SURVEY:

None noted.

No original reference monuments recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
08/05/1993	Ramsey, Stephen	Preliminary plat of 3 tracts on S Breeden Road	MCSO RSID002509
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W	MCSO RSID001727
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton,Randolph	SR 45 & Breeden Road Location Route Control Survey	MCR 2011007526
06/21/2011	Badger, Matthew	Boundary of Cornwell site in Sec. 6 & 7-T7N-R2W	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/Section 4/Segment 7	MCR 2011010190
12/02/2015	Ballard, Dustin	Bridge No. 93 Route Survey in Sections 31 and 32	MCR 2015017121
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Sec.31-8N-2W	MCR 2018002164
09/20/2023	Oser, Rachel	Monroe County Perpetuation	MCR 2023011759

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the monument is unknown. It was accepted by Stephen Ramsey in 1993 and has consistently been accepted by subsequent surveyors. We accepted the drill steel as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_C25

South 1/4 Corner

Section 31 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

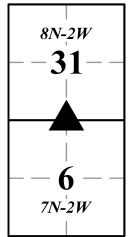


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.



Photo Orientation & Description: C25 from above



Photo Orientation & Description: Looking west at C25

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/43

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

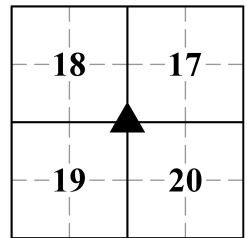
MONUMENT RECORD

Corner ID: VanBu_E13

Section Corner

Sections 17, 18, 19 & 20 – T08N – R02W, 2nd P.M.

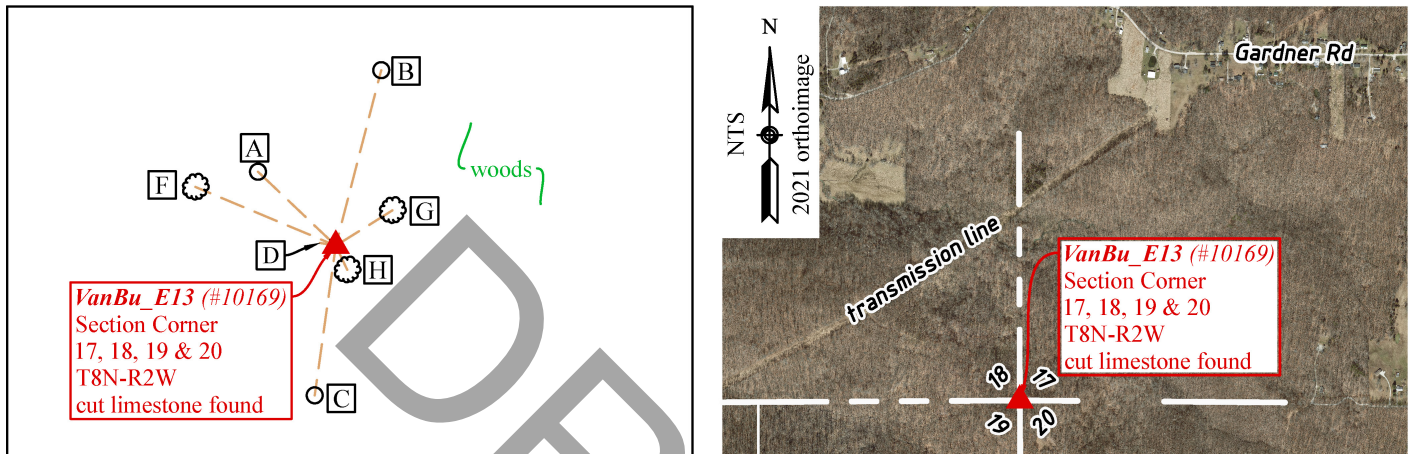
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
4" x 4" limestone with chiseled "+" on top found 11" above grade, solidly planted, and leaning slightly east.

GEODETIC COORDINATES: Northing: 1411459.34, Easting: 3071100.05

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 46°30'32" W	16.08'	Rebarlite with Monroe County cap set flush
B	N 14°32'47" E	27.13'	Rebarlite with Monroe County cap set flush
C	S 08°02'10" W	22.62'	Rebarlite with Monroe County cap set flush
D	N 80° W	2.4'	Monroe County Survey Marker sign attached 3.8 feet above grade to steel U-post
E	N 44° W	1.2'	Steel t-post (not depicted above)
F	N 67° W	22.8'	Magnetic signal observed 12" above grade on the southwest side of 14.5" dbh maple
G	N 58° E	10.0'	Magnetic signal observed 15" above grade on the north side of 23" dbh shagbark hickory
H	S 25° E	4.0'	Magnetic signal observed 8" above grade on the east side of a 24" dbh pignut hickory

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, and C were located with RTK. Distances to witness ties D, E, F, G, and H were measured with a 100-foot steel tape. Bearings to witness ties D, E, F, G, and H were collected with RTK and verified with the internal magnetic compass of the Javad Triumph LS.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.
A Monroe County Survey Marker sign in poor condition was found attached to the U-post at Witness Tie D. A new sign was bolted to the post 3.8 feet above grade.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

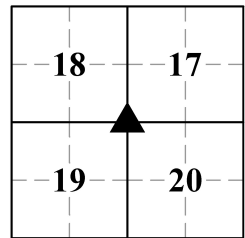
The stone is on a wooded, gentle north slope approximately 300 feet north of a distinct east/west logging road with no evidence of possession observed in the immediate vicinity. It is noted hereon as limestone due to its appearance and reactivity to hydrochloric acid.

MONUMENT RECORD

Corner ID: VanBu_E13

Section Corner

Sections 17, 18, 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P318

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Maple	18"	S 25° W	12 lks = 7.9'
Poplar	4"	N 27° E	17 lks = 11.2'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 03/17/1854 By: James Woodburn, Dept.

Where filed or recorded: LSB1, pg 267

Original monument: "established corner"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W. Walnut	4"	N 75° E	38 lks = 25.1'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W (stone set)	MCSO
11/29/1859	Buskirk	Legal Survey in Sec.19-8N-2W (Measured to this corner, but did not describe or witness the monument)	MCSO LSB2, pg 20
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (origin of cut limestone)	MCSO
01/14/1993	Steele, William Mac	Survey for Risk in Sec. 17, 18, & 20-8N-2W (0.3' x 0.35' x 1.1' high stone found)	MCR 00310597
10/01/2005	Zimmer, James	141.61-acre survey for Land of Indiana in Sec.20-8N-2W (4" x 4" limestone found)	MCR 2005019992

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The monument was accepted by Monroe County Surveyors Edmund Farkas and Michael Friley on March 22, 1983, and March 27, 1995, respectively.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Surveyor Raymond Graham in 1974 and witnessed by Monroe County Surveyor Edmund Farkas in 1983. The stone has consistently been accepted by subsequent surveyors and we accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E13

Section Corner

Sections 17, 18, 19 & 20 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

18	17
19	20

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 2, 2024



Photo Orientation & Description: Limestone at E13



Photo Orientation & Description: Looking west at E13

FIELD PERSONNEL:

Field Date: 05/02/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/34

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:

Rachel Oser



Seal:

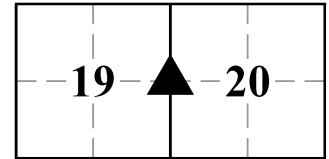
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E15

Quarter Corner

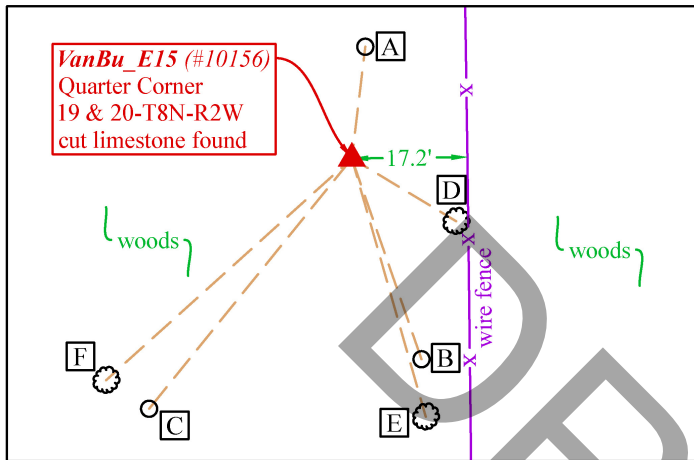
Sections 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
4" x 4" cut limestone with chiseled "+" on top found 7" tall.

GEODETIC COORDINATES: Northing: 1408825.95, Easting: 3071116.09

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 6°52'38" E	16.70'	Rebarlite with Monroe County cap set flush
B	S 19°10'31" E	31.56'	Rebarlite with Monroe County cap set flush
C	S 39°3'51" W	47.86'	Rebarlite with Monroe County cap set flush
D	S 59° E	18.1'	Monroe County Survey Marker sign found 4.2 feet tall (measured to lower nail) on the southwest side of a 23" dbh black gum
E	S 16° E	39.9'	28" dbh tulip poplar measured to a point on the west side 1.6 feet above grade
F	S 48° W	49.2'	24" dbh double black gum (diameter is of the larger trunk) measured to a point on the southeast side 2 feet above grade
G	S 0°39'32" E	275.23'	5/8" rebar with yellow cap stamped "GRAHAM PC S000014" found flush 17.3 feet west of a north/south fence (not depicted above)
H	N 1°32'49" E	381.13'	3/8" rebar found flush next to a t-post 1.3 feet east of a north/south fence (not depicted above)

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, G, & H were located with RTK. Distances to witness ties D, E, & F were measured with a 100-foot steel tape. Bearings to witness ties D, E, & F were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to Grid North.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.55 feet west of the stone with a Monroe County Survey Marker sign attached 3.2 feet above grade facing east. Witness Tie D is the same tree noted as Witness Tie C on the 2006 Monument Record. Witness Ties B and D from the 2006 Monument Record were not found.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

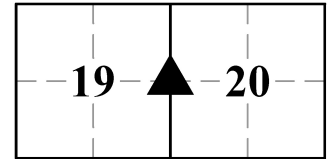
The stone is on the west side of a north/south dirt path 17.2 feet west of a north/south fence. The stone is noted hereon as limestone due to its appearance and reactivity to hydrochloric acid.

MONUMENT RECORD

Corner ID: VanBu_E15

Quarter Corner

Sections 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P318

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	5"	S 35° W	9 links
W. Walnut	8"	N 43°E	21 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/29/1859 By: James Woodburn, Deputy

Where filed or recorded: LSB2, pg 20

Original monument: Measured to this corner, but did not describe or witness the monument.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W (<i>stone set</i>)	MCSO
12/06/1973	Pinnick, C.M.	Survey of 140.92 acres in Sec.20-8N-2W	MCA
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W (<i>origin of cut limestone</i>)	MCSO
06/13/1997	Bledsoe, Ben	Land of Indiana in 19, 20, & 29-8N-2W (<i>stone found</i>)	MCR 00801638
05/01/2001	Graham, Raymond	Cardwell 3 Tract Type E in 19 & 20-8N-2W (<i>stone found</i>)	MCA
03/27/2003	Bledsoe, Ben	Legal Survey for Guerrettaz in S20-8N-2W (<i>stone found</i>)	MCR 2003009330
10/01/2005	Zimmer, James	Survey for Land of Indiana in Sec.20-8N-2W (<i>stone found</i>)	MCR 2005019992
04/17/2019	Deckard, Eric	Cardwell Type E Final Plat Amendment one (<i>stone found</i>)	MCR 2019006267

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on October 24, 2006.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The stone was set by Monroe County Surveyor Raymond Graham in 1974 and has consistently been accepted by subsequent surveyors. We accepted it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 17.2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E15

Quarter Corner

Sections 19 & 20 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

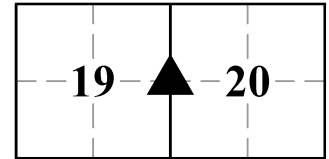


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 2, 2024



Photo Orientation & Description: Stone at E15 from above



Photo Orientation & Description: Looking south at E15
(north/south fence in tree line on left side of photo)

FIELD PERSONNEL:

Field Date: 05/02/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/33

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

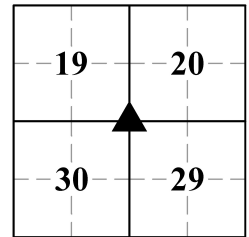
MONUMENT RECORD

Corner ID: VanBu_E17

Section Corner

Sections 19, 20, 29 & 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

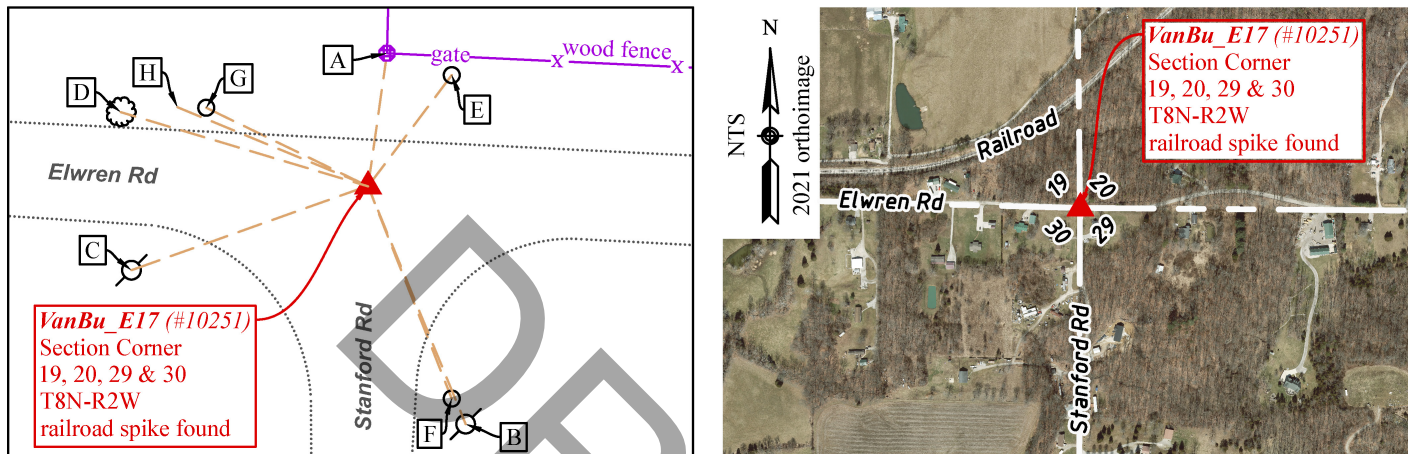


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A railroad spike was found 3" below grade in the approximate centerline/centerline intersection of Elwren Road and Stanford Road.

GEODETIC COORDINATES: Northing: 1406187.99, Easting: 3071145.62

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 8° E	26.8'	Southwest corner of a 6" diameter wooden corner post with wood fence heading north and east and a Monroe County Survey Marker sign nailed 4.3 feet above grade on the south side of a 6" wide facing board on the south side of the post
B	S 22° E	51.3'	Center of 8" utility pole with drop "UDWI 142411" (nail from 2004 monument record not found)
C	S 70.5° W	50.2'	Center of 8" utility pole (nail from 2004 monument record not found)
D	N 73° W	51.6'	South side of rotten stump of 20" tree depicted on the 2004 monument record
E	N 37°00'08" E	27.80'	Rebarlite with Monroe County cap set flush 4 feet south of the center of a farm gate
F	S 21°31'47" E	45.59'	Rebarlite with Monroe County cap set flush 7.75 feet east of Stanford Road
G	N 64°08'55" W	35.98'	Rebarlite with Monroe County cap set flush 4.7 feet north of Elwren Road
H	N 67.5° W	41.3'	Northwest corner of 2-1/4" x 2-1/4" galvanized sign post with Low Clearance sign

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

At Witness Tie A, a Monroe County Survey Marker sign was set facing the railroad spike 4.3 feet above grade on the south side of the wooden fence.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

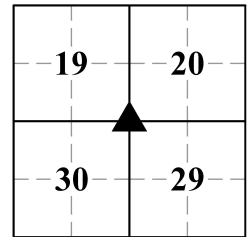
The railroad spike is in the approximate centerline/centerline intersection of Elwren Road and Stanford Road, which are 20-foot-wide asphalt roads. All witness ties from the 2004 Monument Record were found and verified.

MONUMENT RECORD

Corner ID: VanBu_E17

Section Corner

Sections 19, 20, 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P317

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Gum	20"	S 50° E	14 lks = 9.2'
Gum	18"	N 68° W	17 lks = 11.2'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 11/29/1859 By: James Woodburn, Dept.

Where filed or recorded: LSB2, pg 20

Original monument: Not noted

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	25"	S 56° E	34 lks = 22.4'
R.Oak	10"	N 22° W	93 lks = 61.4'

No legal survey reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 4/4/1873 By: H. Henley

Where filed or recorded: LSB2, pg 218

Original monument: "found the roots of one old witness tree, the old corner had been perpetuated in Nov.1859"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
W.Oak	–	S 52° E	33 lks = 21.8'
R.Oak	16"	N 17° W	95 lks = 62.7'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
Unknown	Graham, Raymond	Corner plat for Section 19-8N-2W	MCSO
07/11/1974	Graham, Raymond	Survey of 915.83 acres for Robert Townsend in Sections 17, 18, 19, & 20-8N-2W and Sections 13 & 24-8N-3W	MCSO
04/16/1981	Farkas, Edmund	5 acres in Section 30-8N-2W	MCSO
11/30/1995	Archer, Steven	Survey for Starnes in Sec.30-8N-2W	MCSO
06/13/1997	Bledsoe, Ben	Survey for Land of Indiana in Sec. 19, 20, & 29-8N-2W	MCR 00801638
02/26/1999	Utt, Lee	Survey for Harris in Sec.30-8N-2W	MCR 00906020
04/24/2000	Graham, Raymond	Blake Minor Subdivision in Sec.30-8N-2W	MCR 2000009453
05/01/2001	Graham, Raymond	Cardwell 3 Tract Type E in Sections 19 & 20-8N-2W	MCA
03/27/2003	Bledsoe, Ben	Legal Survey for Guerrettaz in Sec.20-8N-2W	MCR 2003009330
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W	MCR 2003035601
10/01/2005	Zimmer, James	141.61-acre survey for Land of Indiana in Sec.20-8N-2W	MCR 2005019992
10/03/2017	Tapp, Philip	Stanford Road Boundary 0.45-acre survey	MCR 2018004489
02/08/2019	Deckard, Eric	Van Arman/Elwren Type E Admin. Subdivision	MCR 2019007483
04/17/2019	Deckard, Eric	Cardwell Type E Final Plat Amendment One	MCR 2019006267
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd.	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. Monroe County Surveyor Steven Farkas accepted the monument on September 29, 2004.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the railroad spike is unknown. It was found and accepted by Monroe County Surveyor Raymond Graham in 1974 and has consistently been accepted by subsequent surveyors. We accepted the railroad spike as the corner by common report.

MONUMENT RECORD

Corner ID: VanBu_E17

Section Corner

Sections 19, 20, 29 & 30 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

19	20
30	29

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photo Date: May 13, 2024



Photo Orientation & Description: E17 from above



Photo Orientation & Description: Looking south at E17

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/39

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

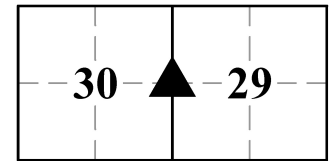
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E19

Quarter Corner

Sections 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

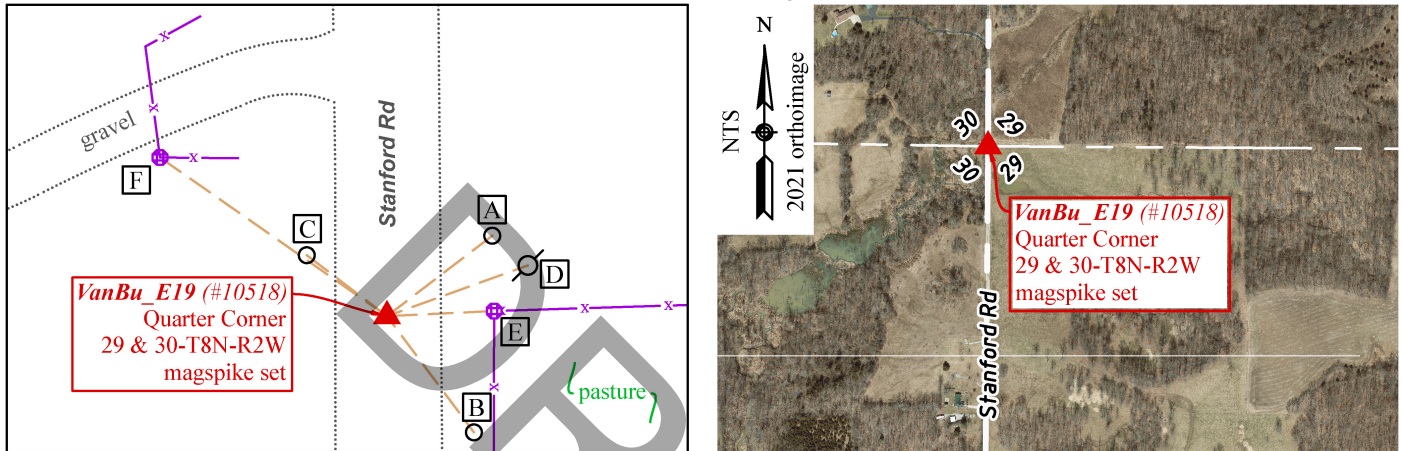


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

6" long mag spike in a 1-1/2" diameter aluminum disc stamped "OSER IN PS#21100022" set slightly recessed in the centerline of Stanford Road.

GEODETIC COORDINATES: Northing: 1403555.80, Easting: 3071138.36

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 52°37'35" E	19.99'	Rebarlite with Monroe County cap set flush 7.5 feet east of Stanford Rd
B	S 36°48'5" E	21.91'	Rebarlite with Monroe County cap set flush 2.9 feet west of the center of 5" split wood post and 5 feet east of Stanford Road
C	N 52°45'59" W	15.19'	Rebarlite with Monroe County cap set flush 4.3 feet west of Stanford Rd
D	N 70° E	22.6'	Center of 10" utility pole "UDWI 142376" with Monroe County Survey Marker sign found on west side 4 feet tall
E	N 87° E	16.2'	Center of 8" wooden corner post with fence south and east
F	N 55° W	41.8'	South side of 7" wooden post for farm gate

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A small hole was chiseled in the centerline of Stanford Road, and the magspike was set in the hole to protect it from snowplow damage. A Monroe County Survey sign was found 4 feet tall on the utility pole at Witness D.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

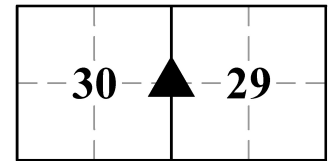
The corner is in the approximate centerline of Stanford Road, a 16-foot-wide asphalt county road. It is approximately in line with a wire fence heading east and ~38 feet south of a gravel field entrance.

MONUMENT RECORD

Corner ID: VanBu_E19

Quarter Corner

Sections 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P317

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	10"	S 73° W	10 lks = 6.6'
Ironwood	4"	N 14° W	15 lks = 9.9'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 4/4/1873 By: H. Henley

Where filed or recorded: LSB2, pg 218

Original monument: "established equidistant"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sycamore	8"	N 79° E	51.5 lks = 34.0'
W.Oak	28"	N 87° W	217 lks = 143.2'

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
10/10/1977	Brunnemer, Robert	Survey of 87.17 acres in Sec.29-8N-2W	MCA
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd.	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?
No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

In 1873, Monroe County Surveyor H. Henley reestablished the corner at the midpoint between the Section corners to the north and south. There is no further record of this corner until it was reestablished by Brunnemer in 1977 at the intersection of the centerline of Stanford Road with a fence to the east. In 1997 and again in 2005, the Monroe County Surveyor's Office found and witnessed a pk nail per the Brunnemer survey, but the Monument Record was never officially accepted by the Monroe County Surveyor Review Board. The pk nail was gone in 2020 when we surveyed the property to the west. At that time, we used ties to several other found monuments from the 1977 Brunnemer survey to reset the mag spike with one foot of uncertainty in our ties to the Brunnemer survey. The corner thus established agrees with the remaining witnesses taken by the Monroe County Surveyor in 2005 and is approximately in line with a wire fence heading east. It is 10 feet south and 6.7 feet east of the midpoint between the Northeast and Southeast corners of Section 30. The mag spike we set in 2020 was gone when we revisited the corner in 2024. We reset it in the same position, this time slightly recessed in the asphalt to protect it from snowplows.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: 10 feet.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E19

Quarter Corner

Sections 29 & 30 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

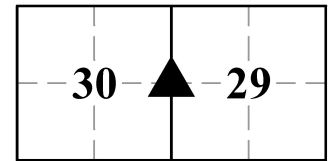


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 29, 2024



Photo Orientation & Description: Magspike at E19 from above



Photo Orientation & Description: Looking east at E19

FIELD PERSONNEL:

Field Date: 05/13/2024 and 05/29/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/40

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.

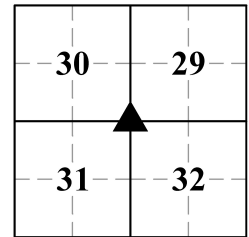
MONUMENT RECORD

Corner ID: VanBu_E21

Section Corner

Sections 29, 30, 31 & 32 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

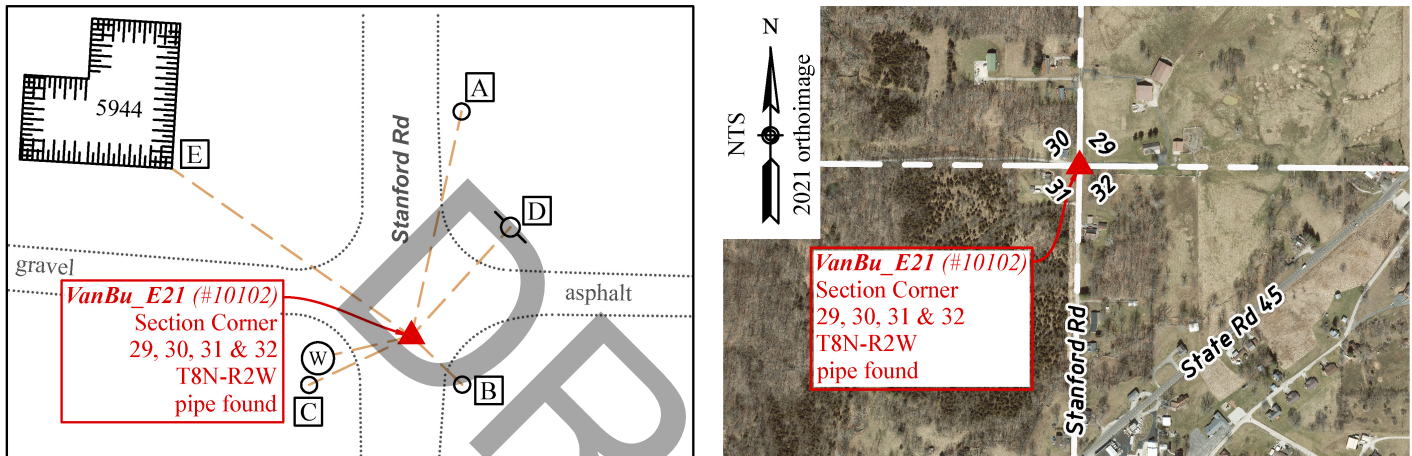


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

A 1-1/2" o.d. iron pipe was found 0.2 feet below grade approximately 3.1 feet east of the centerline of Stanford Road. The pipe is solid in the ground and leaning slightly south.

GEODETIC COORDINATES: Northing: 1400928.89, Easting: 3071117.73

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 12°38'0" E	57.20'	Rebarlite with Monroe County cap set flush
B	S 46°29'58" E	17.47'	Rebarlite with Monroe County cap set flush
C	S 64°38'53" W	28.25'	Rebarlite with Monroe County cap set flush
D	N 42° E	36.7'	8" utility pole with drop UDWI #142350 with a Monroe County Survey Marker sign found 6 feet above grade on the southwest side of the pole, and a PK nail found 3" above grade on the northwest side (dimensions to pole center)
E	N 55° W	72.9'	Southeast corner limestone foundation of the house at 5944 S Stanford Rd
W	S 77° W	24.0'	Center of 12" water meter cover

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A, B, C, and W were located with RTK. Witness ties D and E were located by offsets from points located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was found 6 feet above grade on the southwest side of the pole described above as Witness Monument Tie D.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The pipe is approximately 3.1 feet east of the as-built centerline of Stanford Road, 9 feet south of the extended centerline of a gravel driveway to the west, and 11.4 feet south of the extended centerline of an asphalt driveway to the east. Witness ties D and E were also depicted on the 1996 Monument Record. The fence corner depicted on the 1996 Monument Record is gone.

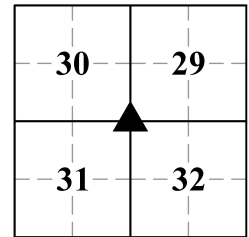
MONUMENT RECORD

Corner ID: VanBu_E21

Section Corner

Sections 29, 30, 31 & 32 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P316

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	40"	N 23° W	28 lks = 18.5'
Beech	10"	S 67° E	24 lks = 15.8'

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 4/4/1873 By: H. Henley

Where filed or recorded: LSB2, pg 218

Original monument: "found the corner and old witness trees"

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Poplar	50"	N 21° W	25 lks = 16.5' (old wit.)
B.Oak	6"	S 53° E	107 lks = 70.6' (new wit.)

No legal survey reference monuments were recovered.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
04/03/1990	Utt, Lee	Survey for Crohn in Sec.29-8N-2W	MCR 1990010652
01/15/1994	Ramsey, Stephen	Survey for Turner in Sec.32-8N-2W	MCR 00503294
04/17/2003	Utt, Lee	Harrington and Grubb survey in Sec.32-8N-2W	MCR 2003035602
05/01/2003	Utt, Lee	New-Grubb Survey in Sec.30-8N-2W	MCR 2003035601
04/22/2008	Tapp, Philip	Stanford Rd Bdry in Sec.32-8N-2W	MCR 2008007545
06/18/2009	Guerrettaz, Bernard	Boundary Survey in Section 32	MCR 2009010427
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
06/06/2011	Compton, Randolph	SR 45 & Breeden road Location Route Control Survey	MCR 2011007526 MCR 2011007528
01/26/2016	Deckard, Eric	Survey for Bellamy in Sec.32-8N-2W	MCR 2016008240
10/19/2016	Deckard, Eric	Bellamy/Carmichael Survey in Sec.32-8N-2W	MCR 2017004631
10/03/2017	Tapp, Philip	Stanford Road Boundary	MCR 2018004489
05/03/2018	Deckard, Eric	Harrington/Combs - Type E Admin. Subd.	MCR 2018006334
11/12/2019	Porter, Christopher	Plat of Survey - Retracement Boundary lots 31 & 32	MCR 2022007704
07/01/2020	Graham, Charles D	Pitcher Sliding Scale Subd.	MCR 2020015716
08/28/2020	Oser, Rachel	Moran Survey in Sec.30-8N-2W	MCR 2020016690
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/18/2024	Deckard, Eric	Rodman Survey in Sec.32-8N-2W	MCR 2024002144

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. Monroe County Surveyor Michael W. Friley witnessed the monument on June 10, 1996.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the iron pipe is unknown. It first appeared in the survey record in 1990, when it was found and accepted by Lee Utt. The pipe has consistently been accepted by subsequent surveyors and we held it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 3.1 feet east of the centerline of Stanford Road.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E21

Section Corner

Sections 29, 30, 31 & 32 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

30	29
31	32

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 13, 2024



Photo Orientation & Description: Pipe at E21 from above



Photo Orientation & Description: Looking west at E21

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/41

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone.

The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC

Date: September 17, 2024

Signature:

Rachel Oser



Seal:

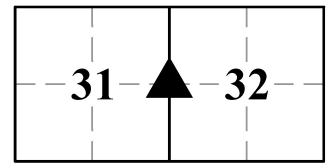
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E23

Quarter Corner

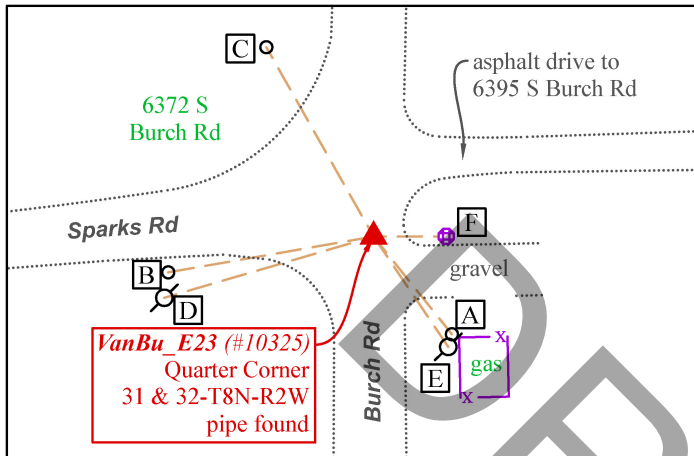
Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
A 1-1/2" iron pipe was found 6" below grade and 1.8 feet east of the centerline of Burch Road.

GEODETIC COORDINATES: Northing: 1398310.92, Easting: 3071064.76

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	S 38°37'19" E	31.11'	Rebarlite with Monroe County cap set flush 1.97 feet west of the west face of the galvanized corner post of a chain link fence
B	S 80°5'17" W	51.75'	Rebarlite with Monroe County cap set flush 3.6 feet south of the south edge of asphalt of W. Sparks Road
C	N 29°27'11" W	54.14'	Rebarlite with Monroe County cap set flush 6.3 feet east of 7" utility pole UDWI #142063
D	S 74° W	54.1'	Mag nail found 0.6 feet above grade on the north side of 10" utility pole UDWI #142062
E	S 34° E	33.1'	Mag nail found 0.6 feet above grade on the west side of 11" utility pole "BAC"
F	N 90° E	18.0'	Center of a 5.5" wooden post with a Monroe County Surveyor sign found 4.3 feet above grade on the west side

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A Monroe County Survey Marker sign was found 4.3 feet above grade on the west side of the post at Witness F.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is 1.8 feet east of the centerline of Burch Road and approximately in line with a treeline heading east.

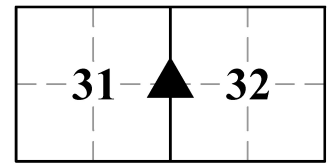
Witness ties D, E, and F correlate to Witness Ties D, C, and B from the 2008 Monument Record.

MONUMENT RECORD

Corner ID: VanBu_E23

Quarter Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: F_EV02P316

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Hickory	10"	S 27° W	7 links
Gum	18"	N 17° E	10 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

Date Surveyed: 06/18/1858 By: Woodburn, James

Where filed or recorded: LSB2, pg 16

Original monument: Measured to this corner, but did not describe or witness the monument

Bearing Trees or Reference Monuments: None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
01/04/1929	INDOT	State Road 45 Highway plans for Federal Aid Project No. 134, Sec. C (<i>corner not shown</i>)	INDOT
06/21/1989	Bledsoe, Ben	Hinds Road Survey on Sec.32-8N-2W	MCR 1990004496
01/15/1994	Ramsey, Stephen	Survey for Turner in Sec.32-8N-2W (<i>found pipe</i>)	MCR 00503294
07/21/2006	Deckard, Eric	Yum Type E in Section 31-8N-2W	MCR 2006020052
09/19/2007	Wilson, Ben H.	Conder Subdivision in Section 32	MCSO RSID004783
05/15/2008	Tapp, Philip	Conder Minor Subdivision in Section 32	MCR 2008008449
02/17/2009	Tapp, Philip	Conder Administrative Subdivision	MCR 2009005821
06/18/2009	Guerrettaz, Bernard	Boundary Survey in Section 32	MCR 2009010427
02/09/2010	James, Marty	Don & Sue Conder	MCR 2010002259
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden Road Location Route Control Survey	MCR 2011007526 MCR 2011007528
12/02/2015	Ballard, Dustin K.	Bridge No. 93 Route Survey in Sections 31 and 32	MCR 2015017121
01/26/2016	Deckard, Eric	Survey for Bellamy in Sec.32-8N-2W	MCR 2016008240
10/19/2016	Deckard, Eric	Bellamy/Carmichael Survey in Sec.32-8N-2W	MCR 2017004631
09/07/2017	Ramsey, Stephen	D & D Type E in Section 31	MCR 2018002164
05/03/2018	Deckard, Eric	Harrington/Combs - Type E Admin. Subd.	MCR 2018006334
11/12/2019	Porter, Christopher	Retracement Boundary Survey Lots 31 & 32	MCR 2022007704
03/18/2021	Deckard, Eric	Eric Armstrong Type E in Section 31-8N-2W	MCR 2021009153
01/18/2024	Deckard, Eric	Rodman Survey in Section 32-8N-2W	MCR 2024002144

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

Yes. The Monroe County Surveyor Review Board approved the monument on March 11, 2008.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The origin of the iron pipe is unknown. It first appeared in the survey record in 1994, when it was found by Stephen Ramsey. Subsequent surveyors have consistently accepted the pipe and we held it as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: The monument is 1.8 feet east of the centerline of Burch Road.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E23

Quarter Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

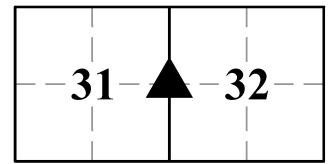


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: 05/13/2024



Photo Orientation & Description: Looking east at E23



Photo Orientation & Description: Looking south at E23

FIELD PERSONNEL:

Field Date: 05/13/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/42

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:



Seal:

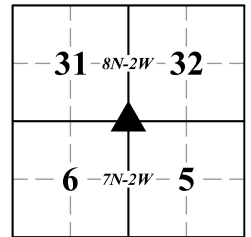
This document is not complete without the associated plat and report of even date.

MONUMENT RECORD

Corner ID: VanBu_E25

Section Corner

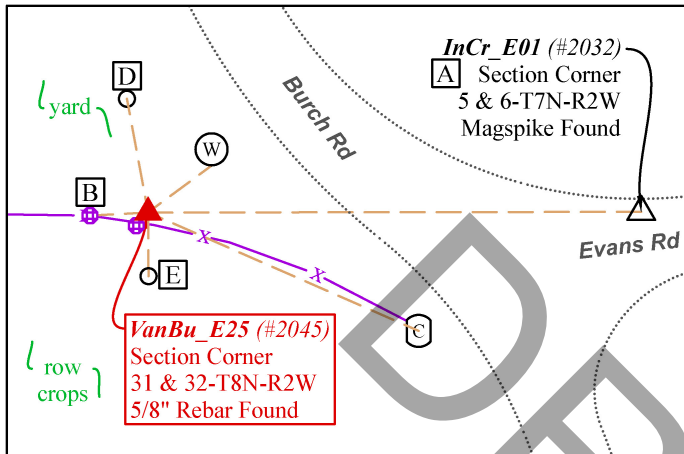
Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
5/8" rebar with no cap found flush 4.2 feet north of east/west fence remains

GEODETIC COORDINATES: Northing: 1395714.69, Easting: 3070990.26

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 89°54'55" E	123.16'	InCr_E01 – Section Corner common to Sections 5 & 6-T7N-R2W (#2032) 4-1/2" long magspike in a 2" diameter aluminum disc stamped "OSER IN PS#21100022" found 0.3 feet below grade
B	S 87° W	14.5'	mag nail found 0.4' above grade on the north side of an 8" wooden fence post
C	S 66° E	73.8'	Back (southwest side) of a phone riser
D	N 10°31'51" W	28.90'	Rebarlite with Monroe County cap set flush
E	S 0°24'27" E	15.94'	Rebarlite with Monroe County cap set flush on the north edge of row crops
F	S 42° W	4.4'	Monroe County Survey Marker sign found 3.2 feet above grade on the north side of a 5" wooden fence post (measured to base of post)
W	N 53°31'45" E	19.81'	Cut X on south rim of 8" diameter water meter

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties were located with RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

A 5-foot steel t-post was set 0.3 feet south of the rebar with a Monroe County Survey Marker sign attached 3.4 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

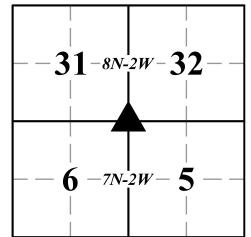
The rebar is on the south side of the wooded front yard of 6776 S Burch Road.

MONUMENT RECORD

Corner ID: VanBu_E25

Section Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana



PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Alexander Holmes

Where filed or recorded: F_EV02P294

Original monument: wooden post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Sugar	16"	N 49° E	23 links
Beech	16"	S 49° W	23 links

No original reference monuments were recovered.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
09/19/2007	Wilson, Ben H.	Conder Subdivision in Section 32 (<i>origin of rebar</i>)	MCSO RSID004783
05/15/2008	Tapp, Philip	Conder Minor Subdivision in Section 32	MCR 2008008449
02/17/2009	Tapp, Philip	Conder Administrative Subdivision	MCR 2009005821
05/11/2011	Badger, Matthew	Survey Exhibit - Cornwell Site in Sec.6-7N-2W	MCSO RSID001727
05/30/2011	Tapp, Philip	Larry Conder Type A in Section 31	MCR 2011008370
06/06/2011	Compton, Randolph	SR 45 & Breeden road Location Route Control Survey	MCR 2011007526 MCR 2011007528
06/21/2011	Badger, Matthew	Boundary Retracement survey of Cornwell site in Sec. 6 & 7-T7N-R2W	MCR 2011008104
07/27/2011	Jones, Perry	INDOT Location Route survey I-69/ Section 4/ Segment 7	MCR 2011010190 GCRO 2011-2897
08/27/2012	Tapp, Philip	Dallas & Janet Conder Type A in Section 31	MCR 2012015149
03/15/2013	Tapp, Philip	Conder Type E in Section 32	MCR 2013004800
12/02/2015	Ballard, Dustin	Bridge No. 93 Route Survey in Sections 31 and 32	MCR 2015017121
09/07/2017	Ramsey, Stephen	D&D Combs Type E in Section 31	MCR 2018002164
09/20/2023	Oser, Rachel	Monroe County Perpetuation	MCR 2023011759

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The rebar was set by Ben Wilson in 2007 (MCSO RSID004783) using physical evidence of existing county roads. Philip Tapp accepted the rebar in 2008 (MCR 2008008449), and subsequent surveyors have consistently accepted it. We accepted the rebar as the corner by common report.

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: Without a chain of records to prove the perpetuation of the original wood post, its location relative to the current monument is unknown. Therefore, the uncertainty cannot be determined.
- Discrepancies in the Documents: None noted.
- Inconsistencies in the lines of Occupation: 4.2 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

MONUMENT RECORD

Corner ID: VanBu_E25

Section Corner

Sections 31 & 32 – T08N – R02W, 2nd P.M.
Van Buren Township, Monroe County, Indiana

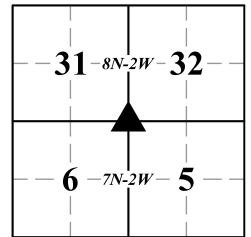


PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: May 28, 2024



Photo Orientation & Description: Looking south at E25



Photo Orientation & Description: Looking east at E25

FIELD PERSONNEL:

Field Date: 05/28/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269 Field Book: OSM 7/50

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser
Indiana Professional Surveyor No.: 21100022
Firm Name: Oser Surveying & Mapping LLC
Date: September 17, 2024
Signature:

Rachel Oser



Seal:

This document is not complete without the associated plat and report of even date.